



## oil pumps

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***freccia***<sup>®</sup>



Freccia® è un marchio conosciuto ed apprezzato nel mondo grazie all'esperienza di 90 anni nella produzione di componenti motore destinati al mercato di primo impianto e *aftermarket*.

In questa occasione siamo lieti di presentare il nuovo **catalogo Pompe Olio** che copre tutte le principali motorizzazioni europee, giapponesi e americane per auto e veicoli commerciali.

Come per tutta la gamma Freccia, verranno applicate condizioni di garanzia specifiche per il mercato del ricambio.

Un eccellente team logistico e commerciale sarà in grado di soddisfare le vostre richieste nel più breve tempo possibile in ogni parte del mondo.

*Freccia® is a very well-known brand appreciated all over the world, thanks to our 90-year-old experience in the production of engine components, both for the Original Equipment Market and the Aftermarket.*

*We are pleased to announce our new **Oil Pumps Catalogue** which covers the main European, Japanese and American brand concerning passenger cars and commercial vehicles.*

*As per all Freccia products, we apply the specific warranty policy for the aftermarket.*

*Our excellent logistic and sales team will quickly meet your requirements worldwide.*

***freccia***

POMPE OLIO  
OIL PUMPS

**GARANZIA RELATIVA AL BUON FUNZIONAMENTO DEL PRODOTTO**

- Freccia International Srl (di seguito "Freccia") nel rapporto con i propri distributori e clienti offre una garanzia di **buon funzionamento** dei propri prodotti e garantisce che i componenti forniti ed installati sono **esenti da vizi strutturali e/o difetti** di conformità all'origine che li possano rendere non idonei all'uso abituale e normale a cui sono destinati, per la durata di 12 (dodici) mesi dalla consegna del bene al cliente o al vettore che ne cura il ritiro salvo la tempestiva denuncia di vizi entro i termini di legge (pari a 8 giorni dalla scoperta)
- Nel caso di riscontro di difetti, il rivenditore deve informare Freccia **nel più breve tempo possibile** dettagliando tale reclamo. L'efficacia della garanzia è subordinata alla **previa immediata denuncia scritta dei vizi a Freccia** da effettuarsi in ogni caso tramite compilazione dell'apposito modulo al momento della scoperta di tale difetto sempre che non si verifichi una delle condizioni descritte successivamente nelle "ESCLUSIONI DI GARANZIA".
- I particolari difettosi dovranno in ogni caso essere ritornati a spese del Cliente a Freccia che provvederà a **ripristinare il buon funzionamento dei prodotti**. Nel caso che il componente, fornito difettoso, non sia stato ancora utilizzato Freccia rimpiazzerà lo stesso con uno conforme senza addebito o praticherà uno sconto di pari valore.
- La responsabilità di Freccia resterà esclusa per danni derivanti ai prodotti per fatti non imputabili a Freccia quali imballaggio, trasporto o stoccaggio dei prodotti effettuato a cura del Compratore con mezzi inadeguati.
- Inoltre Freccia non potrà essere ritenuta responsabile per perdite o danni subiti dal Compratore conseguentemente a cancellazioni di ordini da parte dei Suoi Clienti, penali per ritardate consegne o per qualsivoglia altro danno o penalità o rimborso inerente ai rapporti del Rivenditore con i propri Clienti.
- Per qualsiasi controversia è competente unicamente il Foro di Milano

**REGOLE PER IL CORRETTO MONTAGGIO**

Freccia raccomanda il montaggio corretto "a regola d'arte" di tutti i suoi prodotti secondo quanto prescrivono le case costruttrici.

**GARANZIA LEGALE DI CONFORMITÀ**

Il contratto di vendita prevede la conformità dei prodotti al momento della consegna.

- La responsabilità di Freccia **resterà esclusa in caso di utilizzo e/o montaggio dei prodotti non conforme** alle specifiche condizioni previste dalle "REGOLE PER IL CORRETTO MONTAGGIO"
- Freccia non potrà essere ritenuta responsabile per qualsiasi danno conseguente l'utilizzo e/o il montaggio erraneo del prodotto o l'utilizzo e/o il montaggio di un prodotto che si riscontra già difettoso prima del montaggio.
- La non conformità deve manifestarsi entro 2 (due) anni dalla consegna del bene e deve essere fatta valere dal consumatore entro 2 (due) mesi dalla scoperta con l'evidenziazione del difetto.

**PROCEDURA IN CASO DI DIFETTI**

Il consumatore deve fare valere il difetto al rivenditore di zona che risponde della garanzia.

Il dettagliante può rivalersi a sua volta verso Freccia o un precedente intermediario nella catena di commercializzazione con **azione di regresso** entro un anno dalla data della vendita del prodotto al rivenditore.

Il termine di **decadenza dall'azione di regresso è comunque fissata in 3 anni** dalla data della vendita del prodotto al rivenditore.

La segnalazione va fatta con foto esplicative e compilazione dell'apposito **"MODULO DI RESO PER GARANZIA"** contenente i dati del veicolo e del motore, il numero targa, la data di montaggio del pezzo, i chilometri percorsi etc. assieme alle fatture di vendita e di installazione.

Il dettagliante deve specificare se desidera la restituzione del prodotto dopo analisi tecnica.

Dopo controllo di qualità, se il difetto viene confermato, Freccia proporrà la riparazione o la sostituzione del bene o la risoluzione anche parziale del contratto praticando uno sconto di pari valore.

Il pezzo verrà definitivamente rottamato decorsi 4 mesi dall'analisi tecnica a

meno di diverse indicazioni da parte del cliente.

Per componenti già assemblati difettosi, Freccia riconoscerà il solo costo dei beni forniti non conformi.

La garanzia **non copre** le spese di manodopera relative allo smontaggio / rimontaggio del ricambio sul veicolo, le spese inerenti l'utilizzo di materiali di consumo le spese accessorie legate alla riparazione nonché le spese necessarie all'eventuale sostituzione delle parti che abbiano subito danni a causa del pezzo.

**In nessun caso** è previsto il rimborso per spese di trasporto del veicolo, per carro soccorso, per spese alberghiere e ferroviarie, noleggio auto, fermo macchina o qualunque danno da esso derivante.

**DIRITTO DI RECESSO**

il diritto di recesso può essere esercitato alle seguenti condizioni:

- il prodotto acquistato dovrà essere integro e restituito nella confezione originale, completa in tutte le sue parti (compresa eventuale documentazione e dotazione accessoria: manuali, libretto di istruzioni);
- le spese di spedizione relative alla restituzione del bene sono a carico del cliente e la spedizione sotto la sua responsabilità;
- dopo aver ricevuto e verificato il prodotto reso, Freccia provvederà a rimborsare l'acquirente con decurtazione del 20% rispetto al prezzo originale di vendita dovuto a costi di controllo e riposizionamento del prodotto in magazzino.

**ESCLUSIONI DI GARANZIA**

La garanzia non si applica:

1. qualora non si sia provveduto a fornire il **prodotto presunto difettoso** affinché si potesse procedere al controllo
2. **a causa di errori di installazione, omissione di pulizia o sostituzione di particolari** conformemente alle specifiche previste dalle "Regole per il corretto montaggio".
3. in caso di **falsa dichiarazione** del chilometraggio del veicolo o di documentazione di vendita.
4. qualora non si proceda a fronte di un imballo danneggiato, ad "accettarlo con riserva" dandone pronta comunicazione e relativa documentazione fotografica a Freccia entro il giorno successivo al ricevimento.
5. qualora durante la **fase di montaggio si utilizzino lubrificanti non idonei** o non previsti dalle case costruttrici
6. se il ricambio viene **smontato, riparato o modificato, anche in parte, da terzi senza previa autorizzazione scritta** da Freccia e, anche in caso di autorizzazione concessa, se chi effettua la lavorazione non provvede a far pervenire una relazione tecnica riportante la causa del danno, una descrizione minuziosa del proprio operato, la lista delle parti ritenute danneggiate o difettose (che dovranno essere conservate ed inviate a Freccia)
7. se, nonostante l'accertamento di eventuali difetti, il componente **continui ad essere utilizzato**, dal momento che il persistere nell'utilizzo può compromettere irrimediabilmente il bene oggetto di garanzia ed alterarne lo stato, così inibendo la possibilità di determinare la causa del vizio e/o ripararlo.
8. nel caso in cui **si intervenga sul veicolo** alterandone in qualsiasi modo le prestazioni o modificandone l'impianto di alimentazione.
9. se viene fatto un **uso improprio e/o sportivo** del veicolo o comunque viene usato in modo non conforme alle indicazioni del costruttore
10. in caso si verifichino danni imputabili a negligenza, imperizia errata od inadeguata riparazione-manutenzione da parte di terzi.
11. **Viene escluso** ogni diritto dell'utente a un risarcimento danni o indennizzo, nonché qualsiasi responsabilità contrattuale o extracontrattuale per danni diretti o indiretti a persone e/o cose provocati dal prodotto.

**CONVENZIONE GENERALMENTE APPLICATA**

La convenzione che si applica per la vendita è **CONVENZIONE DELLE NAZIONI UNITE SUI CONTRATTI DI COMPRAVENDITA INTERNAZIONALE DI MERCI** conclusa a Vienna l'11 aprile 1980

## GOOD PRODUCT WARRANTY

- Freccia International Srl -from now on referred to as "**Freccia**"- in the relationship with its distributors and customers offers a guarantee of good operation of its products. It ensures that the components supplied and installed are free from any structural faults and / or defects of conformity to the origin that may make them unfit for standard use for which they are intended, for the duration of 12 (twelve) months from delivery of the goods to the customer or to the carrier responsible for their collection, subject to prompt notification of defects within the terms of the law -that is 8 days from finding out.
- in the event of finding out a defect, the retailer must inform Freccia as soon as possible detailing the complaint. The effectiveness of the warranty is subject to the immediate previous written notification of the defects to Freccia. In any case it must be carried out by filling out the appropriate form at the discovery of this defect, provided that one of the conditions described below does not occur in the following "**WARRANTY EXCLUSIONS**".
- The defective components in any case must be returned to Freccia at the Customer's charge which will restore the proper operation of the products. In the event that the faulty component has not yet been used, Freccia will replace it with a new one without charge or it will make a discount for the same amount.
- The liability of Freccia is excluded when the damages of the product are not caused by Freccia such as packaging, transport or storage of products made by the Buyer with inadequate means.
- In addition, Freccia cannot be held responsible for any losses or damages suffered by the Buyer as a result of cancellation of orders by its Customers, it is not responsible for penalties due to delayed deliveries or for any damage, penalty or refund caused by the Dealer's relationships with its Customers.
- for any controversy only, the Court of Milan is competent

## RULES FOR CORRECT MOUNTING

Freccia recommends the correct assembly of all its products according to the specifications of the manufacturers.

## LEGAL CONFORMITY WARRANTY

The sales contract provides for the conformity of the products at the time of delivery.

- Freccia's liability remains excluded in case of the use and / or the assembly of the products not in accordance with the specific conditions set out in the "**RULES FOR CORRECT MOUNTING**" – as shown in the above paragraph.
- Freccia cannot be held responsible for any charge or damage resulting from the incorrect use and / or assembly of the product or the use and / or assembly of a product that has already been found to be defective before assembly.
- The missing of conformity must occur within 2 (two) years from the delivery of the goods and must be claimed by the Customer within 2 (two) months of its discovery together with the description of the defect.

## PROCEDURE IN CASE OF DEFECTS

The Customer must assert the defect to the local dealer who is responsible for the warranty.

In turn, the retailer may have recourse to Freccia or a previous intermediary in the sales chain claiming the so called **right of recourse** within one year from the date of the sale of the product to the retailer.

The deadline for the right of recourse **is fixed within 3 (three) years** from the date of the sale of the product to the retailer.

The report must be made with photos and by filling in the appropriate "**RETURN FORM FOR WARRANTY**" containing the vehicle and engine data, the plate number, the component assembly date, the kilometers made along with the sales and installation invoices.

The retailer must specify if he wants to get the product back after technical analysis.

If the defect is confirmed after the quality check, Freccia will propose the repair or replacement of the good or even a partial resolution of the contract with a discount of the same amount.

The component will definitively be scrapped four months after the technical

analysis unless the customer gives different directions.

For already assembled defective components, Freccia will recognise only the cost of the non-compliant supplied goods.

The warranty **does not cover** the labor costs related to the disassembly / re-assembly of the spare part on the vehicle, the expenses related to the usage of consumable parts, the accessory costs related to the repair as well as the expenses necessary for the possible replacement of the damages suffered by the parts because of the defects of the piece.

In no case must be expected the reimbursement for the transport costs of the vehicle, for the rescue tow truck cost, hotel and railway costs, car rental, car stop charges or any damage deriving from the mentioned causes.

## RIGHT OF WITHDRAWAL

The right of withdrawal can be exerted under the following conditions:

- the purchased product must be intact and returned in its original packaging, complete in all its parts -including any documentation and accessory equipment: i.e. instruction booklet etc. -;
- the shipping costs related to the return of the good are at the Customer's charge and shipment is under his responsibility
- after receiving and verifying the returned product, Freccia will reimburse the buyer making a 20% reduction from the original selling price due to costs of checking and repositioning of the product in the warehouse.

## WARRANTY EXCLUSIONS:

1. in case the alleged defective product has not been provided for checking
2. because of wrong installation, omission of cleaning or replacement parts according to the specifications set out in the "**RULES FOR CORRECT MOUNTING**" as shown in the above paragraph and in the "**WP MOUNTING INSTRUCTION**" booklet included in the box.
3. in the event of **false declaration** of the vehicle mileage or sales documents.
4. In case the Customer does not proceed with a damaged packaging to "accept it with reserve" by giving prompt communication and related photographic documentation to Freccia within the day following the receipt.
5. if unsuitable lubricants are used during the assembly or those are not provided by the OE manufacturers
6. if the part is disassembled, repaired or modified, even partially, by third parties **without previous written authorization** from Freccia and, even when authorized, if the person performing the job does not provide a technical report mentioning the cause of the damage, giving detailed description of his work, the list of the damaged or defective parts that must be stored and sent back to Freccia.
7. If the components continue to be used despite have been found out any defects since in their use they can irretrievably compromise the good subject to warranty and alter its status, thus inhibiting the possibility of determining the cause of the defect and / or repair it.
8. if you operate on the vehicle, altering its performance in any way or modifying the fuel system.
9. if an improper and / or sports use of the vehicle is made or in any case it is used in a way that does not comply with the manufacturer's instructions.
10. in case of damage due to careless, incorrect inexperience or wrong repair-maintenance made by third parties.
11. Any right of the user to get compensation for damages or indemnification is excluded, as well as any contract or non-contract liability for direct or indirect damages to people and / or things caused by the product.

## GENERAL AGREEMENT APPLIED

The agreement applied for the sales is the **UNITED NATIONS AGREEMENT FOR THE INTERNATIONAL TRADING OF GOODS** -Vienna April 11th 1980 -



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| MAKE TYPE   | ENGINE TYPE  | DATE    |         | FRECCIA REF. | NOTE   | O. E. REF.                    |
|---|--|---------|---------|--------------|--|-------------------------------|
|   |  | from    | to      |              |  |                               |
| ALFA ROMEO  |  |         |         |              |  |                               |
| 147   |  |         |         |              |  |                               |
| 1.9 JTD   | 182 B9.000   | 06/2003 | 03/2010 | OP09-144     |  | 46744430                      |
| MITO  |  |         |         |              |  |                               |
| 1.3 MultiJet  | 199 A3.000, 199 B1.000, 199 B4.000                         | 09/2008 |         | OP09-119     |  | 55185375                      |
| 1.4 TJet, 1.4 Bifuel, 1.4 MultiAir                          | 198 A4.000, 940 A2.000                                     | 09/2009 |         | OP09-148     |  | 55209695                      |
| GIULIETTA (940)   |  |         |         |              |  |                               |
| 1.4 TB, 1.4 BiFuel  | 198 A4.000, 940 A2.000                                     | 04/2010 |         | OP09-148     |  | 55209695                      |
|   |  |         |         |              |  |                               |
| AUDI  |  |         |         |              |  |                               |
| A1 (8X1, 8XF) - Sportback (8XA, 8XK)                        |  |         |         |              |  |                               |
| 1.4 TFSI  | CAXA, CNVA, CAVG, CTHG, CTJA,                              | 05/2010 | 04/2015 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI   | CAYB, CAYC   | 05/2010 | 04/2015 | OP09-112     |  | 03L115105B                    |
| 2.0 TDI   | CFHD   | 09/2011 | 04/2015 | OP09-112     |  | 03L115105B                    |
| A2 (8Z0)  |  |         |         |              |  |                               |
| 1.4, 1.4 TDI  | AUA, BBY, BHC  | 02/2000 | 08/2005 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.4 TDI   | AMF, BHC, ATL  | 02/2000 | 08/2005 | OP09-138     |  | 045115104C                    |
| A3 (8L1)  |  |         |         |              |  |                               |
| 1.8 T   | AGN, APG, AGU, AQA, ARZ, AUM, ARX, AJQ, APP, ARY, AUQ, ARY | 12/1996 | 05/2003 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| 1.9 TDI, 1.9 TDI quattro                                    | ASZ  | 08/200  | 05/2003 | OP09-173     |  | 038115105D                    |
| S3 quattro  | AMK, APY, AUL, BAM   | 03/1999 | 05/2003 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| A3 (8P1) - Sportback (8PA)                                  |  |         |         |              |  |                               |
| 1.4 TFSI  | CAXC, CMSA   | 09/2007 | 03/2013 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI   | CAYB, CAYC   | 05/2009 | 03/2013 | OP09-112     |  | 03L115105B                    |
| 1.6 FSI   | BAG, BLF, BLP  | 09/2003 | 09/2007 | OP09-175     |  | 03C115105AB                   |
| 1.8 TFSI, 1.8 TFSI quattro                                  | BYT, BZB, CDAA   | 11/2006 | 03/2013 | OP09-109     |  | 06J115105AB - 06J115105T      |
| 1.9 TDI   | ATD, AXR, BKC, BLS, BXE                                    | 10/2000 | 10/2009 | OP09-110     |  | 038115105C                    |
| 2.0 TDI, 2.0 TDI quattro                                    | BMM  | 06/2005 | 06/2008 | OP09-110     |  | 038115105C                    |
| 2.0 TDI, 2.0 TDI quattro, 2.0 TDI 16V, 2.0 TDI 16 V quattro | CBAA, CBAB, CBBB   | 05/2003 | 08/2012 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105H                    |
| 2.0 TDI, 2.0 TDI quattro, 2.0 TDI 16V, 2.0 TDI 16 V quattro | AZV, CBAA, CFFA, BMN                                       | 05/2003 | 08/2010 | OP09-141     | Controllare il riferimento OE<br>Please see OE reference | 03G115105                     |
| 2.0 TDI   | CFFA, CFFB, CLJA, CFGB                                     | 05/2003 | 08/2012 | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| A4 (8D2, B5) - Avant (8D5, B5)                              |  |         |         |              |  |                               |
| 1.9 TDI, 1.9 TDI quattro, 1.9 DUO                           | 1Z, AHH, AHU, AFF, AFN                                     | 10/1995 | 11/2000 | OP09-124     |  | 028115105M                    |
| A4 (8E2, B6) - Avant (8E5, B6)                              |  |         |         |              |  |                               |
| 1.8 T, 1.8 T quattro  | AVJ, BEX, BFB, BKB   | 11/2000 | 07/2002 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| 1.9 TDI   | AVF, AWX   | 05/2001 | 12/2004 | OP09-173     |  | 038115105D                    |
| 2.4   | AMM, BDV, ASM  | 10/1996 | 09/2001 | OP09-172     |  | 078 115 105A                  |
| A4 (8EC, B7) - Avant (8ED, B7)                              |  |         |         |              |  |                               |
| 1.8 T, 1.8 T quattro  | BFB  | 11/2004 | 06/2008 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| 2.0 TDI, 2.0 TDI 16V  | BLB, BRE   | 11/2004 | 06/2008 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105H                    |

| MAKE TYPE                                | ENGINE TYPE  | DATE    |         | FRECCIA REF. | NOTE   | O. E. REF.                    |
|--|--|---------|---------|--------------|--|-------------------------------|
|  |  | from    | to      |              |  |                               |
| < AUDI                                   |  |         |         |              |  |                               |
| A4 (8K2, B8) - Avant (8K5, B8)           |  |         |         |              |  |                               |
| 2.0 TDI                                  | CJCB, CJCA, CMFA, CGLD   | 04/2008 | 12/2005 | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| 2.0 TDI                                  | CAGA, CMEA   | 11/2007 | 12/2015 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105H                    |
| A5 (8T3) - Sportback (8TA)               |  |         |         |              |  |                               |
| 2.0 TDI                                  | CAHA   | 08/2008 | 03/2012 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105H                    |
| 2.0 TDI                                  | CAGA, CJCA, CMEA, CMFA   | 10/2011 | 01/2017 | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| A6 - Avant (4A, C4)                      |  |         |         |              |  |                               |
| 1.9 TDI                                  | 1Z, AHU  | 06/1994 | 10/1997 | OP09-124     |  | 028115105M                    |
| 2.5 TDI, 2.5 TDI Quattro                 | AAT, AEL   | 06/1994 | 12/1997 | OP09-107     |  | 074115105A - 074115105B       |
| A6 (4B2, C5) - Avant (4B5, C5)           |  |         |         |              |  |                               |
| 1.8 T, 1.8 T quattro                     | AEB, ANB, APU, ARK, AWL, AWT,                                    | 12/1997 | 01/2005 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| 1.9 TDI                                  | AFN, AVG   | 04/1997 | 12/2000 | OP09-124     |  | 028115105M                    |
| 1.9 TDI                                  | AVF, AWX   | 05/2001 | 12/2004 | OP09-173     |  | 038115105D                    |
| 2.0 TDI                                  | BLB, BRE   | 07/2004 | 10/2008 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105H                    |
| 2.4                                      | AGA, ALF, AML, APS, ARJ, AJG, AMM, A PZ, ALW, ARN, ASM, APC, BDV | 12/1997 | 01/2005 | OP09-172     |  | 078 115 105A                  |
| A6 (4G2, C7, 4GC) - Avant (4G5, C7, 4GD) |  |         |         |              |  |                               |
| 2.0 TDI                                  | CGLC, CMGB, CGLD   | 03/2011 |         | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| 100 - Avant (4A2, C4)                    |  |         |         |              |  |                               |
| 2.5 TDI                                  | AAT, ABP   | 12/1990 | 07/1994 | OP09-107     |  | 074115105A - 074115105B       |
| CABRIOLET (8G7, B4)                      |  |         |         |              |  |                               |
| 1.8                                      | ADR  | 01/1997 | 08/200  | OP09-127     |  | 058 115 105 A                 |
| 1.9 TDI                                  | 1Z, AHU  | 06/1995 | 08/2000 | OP09-124     |  | 028115105M                    |
| Q3 (8U)                                  |  |         |         |              |  |                               |
| 2.0 TDI                                  | CFFB, CLJA, CFGC, CLLB   | 09/2011 |         | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| Q5 (8R)                                  |  |         |         |              |  |                               |
| 2.0 TDI                                  | CJCA, CGLB, CMGA   | 08/2009 |         | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| 2.0 TDI quattro                          | CAHA   | 11/2008 |         | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105H                    |
| TT (8N3)                                 |  |         |         |              |  |                               |
| 1.8 T, 1.8 T quattro                     | AUM, BVP, AJQ, APP, ATC, AUQ, AJQ, ARY, BFW, APX, BAM            | 10/1998 | 06/2006 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| 3.2 VR6 quattro                          | BHE  | 09/2003 | 06/2006 | OP09-176     |  | 21115103                      |
| TT (8N9)                                 |  |         |         |              |  |                               |
| 1.8 T, 1.8 T quattro                     | AUM, BVP, AJQ, APP, ATC, AUQ, APX, BAM, BVR                      | 10/1998 | 06/2006 | OP09-111     |  | 06A 115 105 A - 06A 115 105 D |
| 3.2 VR6 quattro                          | BHE  | 09/2003 | 06/2006 | OP09-176     |  | 21115103                      |

## CHEVROLET - DAEWOO

|                    |      |         |         |          |  |             |
|--------------------|------|---------|---------|----------|--|-------------|
| MATIZ (M200, M250) |      |         |         |          |  |             |
| 0.8                | F8CV | 03/2005 | 12/2013 | OP09-184 |  | 16100-70810 |
| SPARK              |      |         |         |          |  |             |
| 0.8                | F8CV | 05/2005 |         | OP09-184 |  | 16100-70810 |

| MAKE TYPE   | ENGINE TYPE   | DATE       |         | FRECCIA REF. | NOTE   | O. E. REF. |
|---|---|------------|---------|--------------|--|------------|
|   |   | from       | to      |              |  |            |
| CITROËN   |   |            |         |              |  |            |
| AX  |   |            |         |              |  |            |
| 10  | CDY (TU9M), CDZ (TU9M)  | 07/1986    | 12/1998 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 10  | CDY (TU9M), CDZ (TU9M)  | 07/1987    | 12/1998 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 11, 11 4x4  | H1A, H1B, HDZ (TU1M)  | 01/1988    | 12/1997 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 11, 11 4x4  | H1A, H1B, HDZ (TU1M)  | 02/1986    | 04/1994 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 14, 14 D, 14 4x4                                  | KDX (TU3M/Z), KDY (TU3FM), KDY (TU3M), KDZ (TU3M/Z), K9A (TUD3)                               | 04/1987    | 04/1997 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 14, 14 4x4, 14 D                                  | KDX (TU3M/Z), KDY (TU3FM), KDY (TU3M), KDZ (TU3M/Z), K9Y (TUD3Y)                              | 12/1986    | 12/1997 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 14, 14 4x4  | KDX (TU3M/Z), KDY (TU3FM), KDY (TU3M), KDZ (TU3M/Z)   | 12/1986    | 12/1997 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001 69    |
| 15 D  | VJY (TUD5), VJZ (TUD5)  | 08/1994    | 12/1997 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 15 D  | VJY (TUD5), VJZ (TUD5)  | 08/1994    | 12/1997 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001 69    |
| BERLINGO (MF)                                     |   |            |         |              |  |            |
| 1.1 i   | HDZ (TU1M), HFX (TU1JP)   | 07/1996    | 12/2011 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.1 i   | HDZ (TU1M), HFX (TU1JP)   | 07/1996    | 05/2008 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4 i   | KFW (TU3JP), KFX (TU3JP)  | 07/1996    | 12/2011 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 i   | KFW (TU3JP), KFX (TU3JP)  | 07/1996    | 12/2011 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.6 16V   | NFU (TU5JP4)  | 10/2000    | 12/2011 | OP09-135     |  | 1001 87    |
| 1.9 D   | A9A (XUD7), D9B (XUD9A/L)   | 07/1998    | 10/2005 | OP09-167     |  | 100156     |
| 1.9 D   | WJY (DW8B), WJZ (DW8), D9B (XUD9A/L), DJY (XUD9A)   | 07/1998    | 10/2005 | OP09-145     |  | 1001 91    |
| BERLINGO (B9)                                     |   |            |         |              |  |            |
| 1.6 HDi, 1.6 BlueHDi , 75, 90, 100, 110, 115      | 9HT (DV6BTED4), 9HN (DV6ETED), 9HX (DV6ATED4), 9HP (DV6DTED), 9HZ (DV6TED4), 9HR (DV6C)       | 04/2008    |         | OP09-166     |  | 1001.A7    |
| 1.6 HDi, 1.6 BlueHDi , 75, 90, 100, 110, 115, 120 | BHW (DV6FE), 9HN (DV6ETED), 9HF (DV6DTED), 9HP (DV6DTED), 8HY (DV6FD), 9HL (DV6C), 9HR (DV6C) | Eng. 12747 |         | OP09-165     | EURO 5/6   | 1001.G8    |
| BX  |   |            |         |              |  |            |
| 11  | H1A   | 10/1986    | 02/1993 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 11  | HDZ (TU1M), H1A   | 10/1986    | 09/1992 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 14  | KDY (TU3M), KDZ (TU3M/Z)  | 10/1985    | 05/1989 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 14  | KDY (TU3M), KDZ (TU3M/Z)  | 01/1989    | 02/1993 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 14, 14 E  | K1G, KDY (TU3M), KDZ (TU3M/Z)   | 05/1989    | 02/1993 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001 69    |
| 15, 16, 19  | BDY (XU5M), BDY (XU5M), D9B (XUD9A/U)   | 05/1989    | 02/1993 | OP09-167     |  | 100156     |
| C1  |   |            |         |              |  |            |
| 1.4 HDi   | 8HT (DV4TD)   | 06/2005    | 09/2014 | OP09-166     |  | 1001.A7    |
| C2  |   |            |         |              |  |            |
| 1.1   | HFX (TU1JP)   | 09/2003    | 12/2010 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.1   | HFX (TU1JP)   | 09/2003    |         | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4, 1.4 16V                                      | KFU (ET3J4), KJV (TU3JP)  | 06/2006    | 12/2010 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4, 1.4 16V                                      | KFU (ET3J4), KJV (TU3JP)  | 06/2006    |         | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 HDi   | 8HX (DV4TD)   | 09/2003    |         | OP09-166     |  | 1001.A7    |
| 1.6   | NFU (TU5JP4)  | 09/2003    |         | OP09-135     |  | 1001 87    |
| 1.6 HDi   | 9HZ (DV6TED4)   | 09/2005    |         | OP09-166     |  | 1001.A7    |

| MAKE TYPE                                   | ENGINE TYPE  | DATE       |           | FRECCIA REF. | NOTE                       | O. E. REF. |
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|   |  | from       | to        |              |                            |            |
| < CITROËN                                   |  |            |           |              |                            |            |
| C3 I  |  |            |           |              |                            |            |
| 1.1 i                                       | HFX (TU1JP)  | 09/2003    | 08/2010   | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.1 i                                       | HFX (TU1A), HFX (TU1JP)  | 02/2002    |           | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| 1.4 i, 1.4 16V                              | KFV (TU3JP), KFU (ET3J4)   | 06/2006    | 08/2010   | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.4 i, 1.4 i Bivalent, 1.4 16V              | KFV (TU3A), KFV (TU3JP), KFU (ET3J4)                             | 12/2003    |           | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| 1.4 Hdi                                     | 8HX (DV4TD)  | 02/2002    |           | OP09-166     |                            | 1001.A7    |
| 1.6 16V                                     | NFU (TU5JP4)   | 02/2002    |           | OP09-135     |                            | 1001.87    |
| 1.6 Hdi                                     | 9HX (DV6ATED4), 9HZ (DV6TED4)                                    | 11/2009    |           | OP09-166     |                            | 1001.A7    |
| C3 II                                       |  |            |           |              |                            |            |
| 1.1   | HFX (TU1JP)  | 11/2009    |           | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.4   | KFT (TU3A), KFV (TU3A)   | 11/2009    |           | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.4 HDi 70                                  | 8HR (DV4C)   | 11/2009    |           | OP09-166     |                            | 1001.A7    |
| 1.4 HDi 70                                  | 8HR (DV4C)   | ENG. 12810 |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| 1.6 Hdi, 110                                | 9HP (DV6DTED), 9HR (DV6C)  | 11/2009    |           | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi, 90, 100, 110, 115                  | 9HP (DV6DTED), BHY (DV6FD), 9HR (DV6C), 9HD (DV6C)               | ENG. 12747 |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| C3 III                                      |  |            |           |              |                            |            |
| 1.6 BlueHdi 75                              | BHW (DV6FE)  | 07/2016    | ENG 14419 | OP09-165     | EURO 5/6                   | 1001.G8    |
| C3 Picasso                                  |  |            |           |              |                            |            |
| 1.6 Hdi, 110                                | 9HP (DV6DTED), 9HR (DV6C), 9HZ (DV6TED4)                         | 11/2009    |           | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi 90, 100, 110, 115                   | 9HP (DV6DTED), BHY (DV6FD), 9HR (DV6C), 9HD (DV6C)               | ENG. 12747 |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| C3 Pluriel                                  |  |            |           |              |                            |            |
| 1.4   | KFV (TU3JP)  | 05/2003    |           | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| 1.4 Hdi                                     | →18HX (DV4TD)  | 04/2004    |           | OP09-166     |                            | 1001.A7    |
| 1.6   | NFU (TU5JP4)   | 05/2003    |           | OP09-135     |                            | 1001.87    |
| C4 I - Coupé                                |  |            |           |              |                            |            |
| 1.4 16V                                     | KFU (ET3J4)  | 11/2004    | 07/2011   | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| 1.4 16V                                     | KFU (ET3J4)  | 11/2004    | 07/2011   | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.6 16V, 1.6 16V Bioflex                    | NFU (TU5JP4)   | 11/2004    | 07/2011   | OP09-135     |                            | 1001.87    |
| 2.0 16V                                     | RFN (EW10J4), RFJ (EW10A), RFK (EW10J4S)                         | 11/2004    | 07/2011   | OP09-130     |                            | 1001.C7    |
| C4 II                                       |  |            |           |              |                            |            |
| 1.6 Hdi 90,110, 115                         | 9HP (DV6DTED), 9HR (DV6C)  | 11/2009    |           | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi, 1.6 BlueHdi 90, 100, 110, 115, 120 | 9HP (DV6DTED), 9HR (DV6C), BHY (DV6FD), BHZ (DV6FC), BHX (DV6FC) | ENG 12747  |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| C4 AIRCROSS                                 |  |            |           |              |                            |            |
| 1.6 HDi 115 AWC                             | 9HL (DV6C)   | 04/2012    |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| C4 CACTUS                                   |  |            |           |              |                            |            |
| 1.6 HDi 90, 1.6 BlueHdi 100                 | 9HP (DV6DTED), BHY (DV6FD)                                       | ENG 14419  |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| C4 Picasso I - Grand Picasso I              |  |            |           |              |                            |            |
| 1.6 Hdi 110                                 | 9HR (DV6C)   | 02/2007    | 08/2013   | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi 110                                 | 9HR (DV6C)   | ENG 12747  |           | OP09-165     | EURO 5/6                   | 1001.G8    |
| 1.8 i 16V                                   | 6FY (EW7A)   | 02/2007    | 12/2011   | OP09-130     |                            | 1001.C7    |

| MAKE TYPE                          | ENGINE TYPE  | DATE      |                | FRECCIA REF. | NOTE                       | O. E. REF. |
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|                                    |  | from      | to             |              |                            |            |
| < CITROËN                          |  |           |                |              |                            |            |
| 2.0 i 16V                          | RFJ (EW10A)  | 02/2007   | 08/2013        | OP09-130     |                            | 1001.C7    |
| C4 Picasso II - Grand Picasso II   |  |           |                |              |                            |            |
| 1.6 Hdi 90                         | 9HP (DV6DTEd)  | 02/2013   |                | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi, BlueHdi 90, 100, 115, 120 | 9HP (DV6DTEd), BHY (DV6FD), BHX (DV6FC), 9HC (DV6C), BHZ (DV6FC) | ENG 12747 |                | OP09-165     | EURO 5/6                   | 1001.G8    |
| C5 I - Break                       |  |           |                |              |                            |            |
| 2.0 16V, 2.0 16V Hpi               | RFN (EW10J4), RLZ (EW10D)  | 06/2001   | 08/2004        | OP09-130     |                            | 1001.C7    |
| C5 II - Break                      |  |           |                |              |                            |            |
| 1.6 Hdi                            | 9HZ (DV6TED4), 9HY (DV6TED4)                                     | 09/2004   |                | OP09-166     |                            | 1001.A7    |
| 2.0 16V                            | RFJ (EW10A)  | 09/2004   |                | OP09-130     |                            | 1001.C7    |
| C5 III - Break                     |  |           |                |              |                            |            |
| 1.6 Hdi 110, 115                   | 9HZ (DV6TED4), 9HR (DV6C)  | 02/2008   |                | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi 110, 115                   | 9HL (DV6C), 9HR (DV6C)   | ENG 12593 |                | OP09-165     | EURO 5/6                   | 1001.G8    |
| 2.0 16V                            | RFJ (EW10A)  | 02/2008   |                | OP09-130     |                            | 1001.C7    |
| 2.7 Hdi                            | DT17ED4, UHZ (DT17BTED4)   | 02/2008   |                | OP09-146     |                            | 1001.E6    |
| 3.0 Hdi                            | DT20C  | 04/2009   |                | OP09-146     |                            | 1001.E6    |
| C6                                 |  |           |                |              |                            |            |
| 2.7 Hdi                            | DT17ED4, UHZ (DT17BTED4)   | 02/2008   |                | OP09-146     |                            | 1001.E6    |
| 3.0 Hdi                            | DT20C  | 04/2009   |                | OP09-146     |                            | 1001.E6    |
| C8                                 |  |           |                |              |                            |            |
| 2.0, 2.0 16V                       | RFN (EW10J4), RFJ (EW10A)  | 07/2002   |                | OP09-130     |                            | 1001.C7    |
| DS3                                |  |           |                |              |                            |            |
| 1.4 HDi 70                         | 8HR (DV4C)   | 04/2010   | 07/2015        | OP09-166     |                            | 1001.A7    |
| 1.4 HDi 70                         | 8HR (DV4C)   | ENG 12810 | 07/2015        | OP09-165     | EURO 5/6                   | 1001.G8    |
| 1.6 Hdi 90, 110                    | 9HP (DV6DTEd), 9HR (DV6C)  | 11/2009   | 07/2015        | OP09-166     |                            | 1001.A7    |
| 1.6 HDi 75, 90, 100, 110,115, 120  | 8HR (DV4C), BHW (DV6FE), 9HP (DV6DTEd), BHY (DV6FD), 9HR (DV6C)  | ENG 12747 | 07/2015        | OP09-165     | EURO 5/6                   | 1001.G8    |
| DS4                                |  |           |                |              |                            |            |
| 1.6 Hdi 90, 110                    | 9HP (DV6DTEd), 9HR (DV6C)  | 05/2011   | 07/2015        | OP09-166     |                            | 1001.A7    |
| 1.6 Hdi 90, 110, 115, 120          | 9HR (DV6C), 9HL (DV6C), 9HP (DV6DTEd), BHX (DV6FC)               | ENG 14419 | 07/2015        | OP09-165     | EURO 5/6                   | 1001.G8    |
| DS5                                |  |           |                |              |                            |            |
| 1.6 HDi 110                        | 9HR (DV6C)   | 05/2011   | 07/2015        | OP09-166     |                            | 1001.A7    |
| 1.6 HDi                            | 9HR (DV6C)   | 11/2011   | 07/2015        | OP09-165     | EURO 5/6                   | 1001.G8    |
| EVASION                            |  |           |                |              |                            |            |
| 2.0 HDI, 2.0 HDI 16V               | RHZ (DW10ATED), RHW (DW10A-TED4)                                 | 08/1999   | 07/2002        | OP09-133     |                            | 1001.92    |
| NEMO Station wagon                 |  |           |                |              |                            |            |
| 1.3 HDi 75                         | FHZ (F13DTE5)  | 10/2010   |                | OP09-119     |                            | 1606466880 |
| 1.4                                | KFT (TU3A), KFU (TU3A)   | 02/2008   |                | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| SAXO                               |  |           |                |              |                            |            |
| 1.0 X                              | →†CDZ (TU9M)   | 05/1996   | ENG ORGA 09688 | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| 1.0 X                              | CDZ (TU9M)   | 05/1996   | 11/1998        | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.1 X, SX                          | HDZ (TU1M), HFX (TU1JP)  | 05/1996   | 09/2003        | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |

| MAKE TYPE   | ENGINE TYPE                                  | DATE    |         | FRECCIA REF. | NOTE   | O. E. REF. |
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| < CITROËN   |  |         |         |              |  |            |
| 1.1 X, SX   | HDZ (TU1M)                                   | 05/1996 | 09/2003 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4 VTS   | KFW (TU3JP), KFX (TU3JP)                     | 05/1996 | 09/2003 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 VTS   | KFW (TU3JP), KFX (TU3JP)                     | 05/1996 | 09/2003 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.5 D   | VJY (TUD5)                                   | 06/1999 | 06/2001 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001.69    |
| 1.5 D   | VJY (TUD5), VJZ (TUD5)                       | 07/2001 | 04/2004 | OP09-134     | Controllare il riferimento OE<br>Please see OE reference | 1001.50    |
| 1.6 VTL, VTR  | NFZ (TU5JP)                                  | 05/1996 | 09/2003 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001.69    |
| 1.6, 1.6 VTS  | NFX (TU5JP4)                                 | 09/2000 | 03/2005 | OP09-135     |  | 1001.87    |
| XSARA (N1) - Break (N2) - Coupé (N0)                      |  |         |         |              |  |            |
| 1.4 i   | KFW (TU3JP), KFX (TU3JP)                     | 04/1997 | 03/2005 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 i   | KFW (TU3JP), KFX (TU3JP)                     | 04/1997 | 03/2005 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4 Hdi   | 8HX (DV4TD)                                  | 01/2003 | 03/2005 | OP09-166     |  | 1001.A7    |
| 1.5 D   | VJZ (TUD5)                                   | 04/1997 | 09/2000 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001.69    |
| 1.5 D   | VJZ (TUD5)                                   | 04/1997 | 09/2000 | OP09-134     | Controllare il riferimento OE<br>Please see OE reference | 1001.50    |
| 1.6 i   | NFZ (TU5JP)                                  | 04/1997 | 09/2000 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 1001.69    |
| 1.6 16V   | NFU (TU5JP4)                                 | 09/2000 | 03/2005 | OP09-135     |  | 1001.87    |
| 1.9 D   | DJY (XUD9A), A9A (XUD7)                      | 04/1997 | 09/2000 | OP09-167     |  | 1001.56    |
| 1.9 D   | WJY (DW8B), WJZ (DW8)                        | 07/1998 | 08/2005 | OP09-145     |  | 1001.91    |
| XSARA PICASSO   |  |         |         |              |  |            |
| 1.6 16V   | NFU (TU5JP4)                                 | 09/2005 |         | OP09-135     |  | 1001.87    |
| 1.6 Hdi   | 9HX (DV6ATED4), 9HZ (DV6TED4), 9HY (DV6TED4) |         |         | OP09-166     |  | 1001.A7    |
| ZX (N2)   |  |         |         |              |  |            |
| 1.1 i   | HDZ (TU1M)                                   | 03/1991 | 08/1993 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.1   | H1A, H1B, HDZ (TU1M)                         | 03/1991 | 06/1997 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4 i   | KDX (TU3M/Z), KDZ (TU3M/Z), KFX (TU3JP)      | 04/1997 | 03/2005 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4   | KDX (TU3M/Z), KDZ (TU3M/Z), KFX (TU3JP)      | 03/1991 | 06/1997 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.9 D   | D9B (XUD9A/U), BDY (XU5M), BFZ (XU5JP)       | 04/1997 | 09/2000 | OP09-167     |  | 1001.56    |
|   |  |         |         |              |  |            |
| CITROËN COMMERCIALI                                       |  |         |         |              |  |            |
| JUMPER (230)  |  |         |         |              |  |            |
| 1.9 D   | D9B (XUD9A/U), DJY (XUD9A)                   | 02/1994 | 04/2002 | OP09-167     |  | 1001.56    |
| 2.5 D, 2.5 D 4x4, 2.5 TD, 2.5 TD 4x4 2.5 TDi, 2.5 TDi 4x4 | T9A, T8A, THX, THZ                           | 08/1994 | 04/2002 | OP09-116     |  | 1001.84    |
| JUMPER (Mod. 2006)  |  |         |         |              |  |            |
| 2.2 Hdi   | 4HV (P22DTE), 4HU (P22DTE)                   | 04/2006 |         | OP09-117     |  | 101.E9     |
| 2.2 Hdi   | 4HG (P22DTE), 4HH (P22DTE), 4HJ (P22DTE)     | 07/2011 |         | OP09-118     |  | 9677428680 |
| JUMPY (U6U)   |  |         |         |              |  |            |
| 1.9 D   | WJY (DW8B), WJZ (DW8)                        | 04/1998 | 10/2006 | OP09-145     |  | 1001.91    |
| 2.0 i 16V   | RFN (EW10J4)                                 | 04/2000 | 12/2006 | OP09-130     |  | 1001.C7    |
| JUMPY (Mod. 2007)   |  |         |         |              |  |            |
| 1.6 Hdi 90 16V  | 9HU (DV6UTED4)                               | 01/2007 |         | OP09-166     |  | 1001.A7    |

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| ◀ CITROËN COMMERCIALI              |   |              |    |              |          |            |
| 1.6 HDi 90 8V, 1.6 BlueHDi 95, 115 | 9HH (DV6DUM), 9HM (DV6UC), BHV (DV6FDU), BHS (DV6FDU), BHX (DV6FCU) | ENG. 14329U9 |    | OP09-165     | EURO 5/6 | 1001.G8    |

|                                |                                     |         |         |                 |  |            |
|--------------------------------|-------------------------------------|---------|---------|-----------------|--|------------|
| <b>DACIA</b>                   |                                     |         |         |                 |  |            |
| <b>DOKKER - Express</b>        |                                     |         |         |                 |  |            |
| 1.5 dCi                        | K9K 612                             | 11/2012 |         | <b>OP09-137</b> |  | 150108334R |
| <b>DUSTER</b>                  |                                     |         |         |                 |  |            |
| 1.5 dCi, 1.5 dCi 4x4           | K9K 896, K9K 856, K9K 884, K9K 892, | 06/2010 |         | <b>OP09-137</b> |  | 150108334R |
| <b>LOGAN (LS_) - MCV (KS_)</b> |                                     |         |         |                 |  |            |
| 1.2, 1.2 16V, 1.2 16V LPG      | D4F 732, D4F 734                    | 02/2006 |         | <b>OP09-194</b> |  | 8200150042 |
| 1.4, 1.4 MPI                   | K7J 710, K7J 714                    | 09/2004 |         | <b>OP09-143</b> |  | 8200698014 |
| 1.5 dCi                        | K9K 790, K9K 792                    | 09/2005 | 02/2006 | <b>OP09-123</b> |  | 8200101970 |
| 1.5 dCi                        | K9K 790, K9K 792, K9K 892, K9K 796  | 02/2006 |         | <b>OP09-137</b> |  | 150108334R |
| 1.6, 1.6 16V                   | K7M 800, K7M 710, K4M 696           | 02/2006 |         | <b>OP09-143</b> |  | 8200698014 |
| 1.6 16V                        | K4M 690                             | 02/2006 |         | <b>OP09-123</b> |  | 8200101970 |
| <b>LOGAN II - MCV II</b>       |                                     |         |         |                 |  |            |
| 1.5 dCi                        | K9K 626, K9K 612, K9K 830           | 10/2012 |         | <b>OP09-137</b> |  | 150108334R |
| <b>LODGY</b>                   |                                     |         |         |                 |  |            |
| 1.5 dCi                        | K9K 626, K9K 612, K9K 846           | 10/2012 |         | <b>OP09-137</b> |  | 150108334R |
| <b>SANDERO</b>                 |                                     |         |         |                 |  |            |
| 1.2 12V                        | D4F 732                             | 11/2008 |         | <b>OP09-194</b> |  | 8200150042 |
| 1.4                            | K7J 710                             | 06/2008 |         | <b>OP09-143</b> |  | 8200698014 |
| 1.5 dCi                        | K9K 892, K9K 796                    | 11/2008 |         | <b>OP09-137</b> |  | 150108334R |
| <b>SANDERO II</b>              |                                     |         |         |                 |  |            |
| 1.2, 1.2 LPG                   | D4F 732                             | 10/2012 |         | <b>OP09-194</b> |  | 8200150042 |
| 1.5 dCi                        | K9K 612, K9K 626                    | 10/2012 |         | <b>OP09-137</b> |  | 150108334R |
| 1.6 16V                        | K4M 690                             | 07/2011 |         | <b>OP09-123</b> |  | 8200101970 |

|                                    |                        |         |         |                 |  |          |
|------------------------------------|------------------------|---------|---------|-----------------|--|----------|
| <b>FIAT</b>                        |                        |         |         |                 |  |          |
| <b>500 (312) - C (312)</b>         |                        |         |         |                 |  |          |
| 1.3 D Multijet                     | 169 A1.000, 199 B1.000 | 10/2007 |         | <b>OP09-119</b> |  | 55185375 |
| 1.4                                | 169 A3.000             | 10/2007 |         | <b>OP09-148</b> |  | 55209695 |
| <b>500L</b>                        |                        |         |         |                 |  |          |
| 1.3 D Multijet                     | 199 B4.000             | 09/2012 |         | <b>OP09-119</b> |  | 55185375 |
| 1.4                                | 843 A1.000             | 09/2012 |         | <b>OP09-148</b> |  | 55209695 |
| <b>BRAVA (182) - BRAVO I (182)</b> |                        |         |         |                 |  |          |
| 1.2 16V 80                         | 188 A5.000, 182 B2.000 | 12/1998 | 12/2002 | <b>OP09-186</b> |  | 45738256 |
| 1.6 16V                            | 182 A4.000, 182 A6.000 | 10/1995 | 10/2001 | <b>OP09-187</b> |  | 46772183 |
| 1.9 JTD                            | 182 B9.000             | 09/2000 | 10/2001 | <b>OP09-144</b> |  | 46744430 |

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|  |  | from    | to      |              |          |            |
| < FIAT                                   |  |         |         |              |          |            |
| BRAVO II (198)                           |  |         |         |              |          |            |
| 1.4, 1.4 TJET, 1.4 16 V                  | 192 B2.000, 198 A4.000, 198 A7.000, 198 A1.000                         | 04/2007 |         | OP09-148     |          | 55209695   |
| IDEA (350_)                              |  |         |         |              |          |            |
| 1.2 16 V                                 | 188 A5.000   | 01/2004 |         | OP09-186     |          | 45738256   |
| 1.2 16 V                                 | 188 A5.000   | 01/2004 |         | OP09-148     | Euro 4/5 | 55209695   |
| 1.3 D Multijet                           | 199 A3.000, 199 B1.000,  | 05/2008 |         | OP09-119     |          | 55185375   |
| 1.4 16 V                                 | 843 A1.000   | 01/2004 |         | OP09-148     |          | 55209695   |
| 1.9 JTD                                  | 188 B2.000   | 01/2004 |         | OP09-144     |          | 46744430   |
| LINEA (323_, 110_)                       |  |         |         |              |          |            |
| 1.3 D Multijet                           | 199 A3.000   | 06/2007 |         | OP09-119     |          | 55185375   |
| 1.4 Tjet                                 | 198 A4.000   | 09/2007 |         | OP09-148     |          | 55222361   |
| MAREA - Weekend                          |  |         |         |              |          |            |
| 1.6 16V, 1.6 16V Bipower                 | 182 A4.000, 182 A6.000, 185 A3.000, 186 A4.000                         | 10/1995 | 10/2001 | OP09-187     |          | 46772183   |
| 1.9 TD 100                               | 182 A7.000, 182 A8.000   | 03/1996 | 06/2003 | OP09-144     |          | 46744430   |
| MULTIPLA                                 |  |         |         |              |          |            |
| 1.6 16V, 1.6 16V Bipower                 | 186 A3.000, 186 A4.000, 182 A4.000, 182 B6.000                         | 04/2002 | 06/2010 | OP09-187     |          | 46772183   |
| 1.9 JTD                                  | 186 A9.000   | 04/2002 | 06/2010 | OP09-144     |          | 46744430   |
| PANDA (169)                              |  |         |         |              |          |            |
| 1.2, 1.2 4x4, 1.2 Natural Power, 1.2 LPG | 188 A4.000   | 09/2003 |         | OP09-186     |          | 45738256   |
| 1.3 D Multijet, 1.3 D Multijet 4x4       | 169 A1.000, 169 A5.000   | 06/2006 |         | OP09-119     |          | 55185375   |
| 1.4                                      | 169 A3.000   | 10/2006 |         | OP09-148     | Euro 4/5 | 55209695   |
| PANDA (312)                              |  |         |         |              |          |            |
| 1.3 D Multijet, 1.3 D Multijet 4x4       | 199 A1.000, 199 A9.000, 199 B1.000                                     | 02/2012 |         | OP09-119     |          | 55185375   |
| PALIO (178BX)                            |  |         |         |              |          |            |
| 1.2                                      | 178 B7.045, 178 C4.066, 188 A4.000                                     | 07/1997 | 08/2002 | OP09-186     |          | 45738256   |
| 1.2                                      | 188 A5.000   | 09/2001 |         | OP09-148     | Euro 4/5 | 55209695   |
| 1.6 16V                                  | 178 B3.000   | 04/1966 | 10/2002 | OP09-186     |          | 45738256   |
| 1.9 JTD                                  | 188 A2.000   | 09/2001 |         | OP09-144     |          | 46744430   |
| PUNTO (188)                              |  |         |         |              |          |            |
| 1.2 60, 1.2 Natual Power                 | 188 A4.000   | 09/1999 | 12/2010 | OP09-186     |          | 45738256   |
| 1.9 JTD                                  | 188 A2.000, 188 B2.000   | 09/1999 |         | OP09-144     |          | 46744430   |
| PUNTO - GRANDE PUNTO (199)               |  |         |         |              |          |            |
| 1.2                                      | 169 A4.000   | 03/2012 |         | OP09-148     |          | 55209695   |
| 1.3 D Multijet                           | 199 A2.000, 199 A3.000, 199 B2.000, 199 B4.000                         | 10/2005 |         | OP09-119     |          | 55185375   |
| 1.4, 1.4 Multiair                        | 199 A7.000, 955 A2.000   | 03/2012 |         | OP09-148     |          | 55209695   |
| PUNTO EVO (199)                          |  |         |         |              |          |            |
| 1.2                                      | 169 A4.000   | 10/2009 | 02/2012 | OP09-148     |          | 55209695   |
| 1.3 D Multijet                           | 199 A2.000, 199 A3.000, 199 A9.000, 199 B1.000, 199 B2.000, 199 B4.000 | 07/2008 | 02/2012 | OP09-119     |          | 55185375   |
| 1.4                                      | 199 A7.000   | 07/2009 | 02/2012 | OP09-148     |          | 55209695   |



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| < FIAT                     |                                    |         |         |              |          |            |
| QUBO                       |                                    |         |         |              |          |            |
| 1.3 D Multijet             | 199 A2.000, 199 A9.000, 199 B1.000 | 02/2008 |         | OP09-119     |          | 55185375   |
| SCUDO Combinato (220P)     |                                    |         |         |              |          |            |
| 2.0 16V                    | RFN (EW10J4)                       | 06/2000 | 12/2006 | OP09-130     |          | 1001.C7    |
| 1.9 D                      | D9B                                | 02/1996 | 12/2006 | OP09-167     |          | 100156     |
| 2.0 JTD                    | RHX, RHZ                           | 10/1999 | 12/2006 | OP09-133     |          | 9569342587 |
| SCUDO (270_)               |                                    |         |         |              |          |            |
| 1.6 D Multijet             | 9HU                                | 01/2007 |         | OP09-166     |          | 9467560580 |
| 1.6 D Multijet             | 9HM (DV6UC), 9H07 (DV6UC)          | 01/2011 | 12/2016 | OP09-165     | EURO 5/6 | 9467643680 |
| 2.0 D Multijet             | DW10BTED4, RHR                     | 01/2007 |         | OP09-133     |          | 9569342587 |
| SIENA                      |                                    |         |         |              |          |            |
| 1.6 16V                    | 178 B3.000                         | 09/1998 | 12/2009 | OP09-187     |          | 46772183   |
| STILO - Multi Wagon        |                                    |         |         |              |          |            |
| 1.4 16V                    | 192 B2.000, 843 A1.000             | 01/2004 | 11/2006 | OP09-148     |          | 55209695   |
| 1.6 16V                    | 182 B6.000, 192 B3.000             | 10/2001 | 11/2006 | OP09-187     |          | 46772183   |
| STRADA                     |                                    |         |         |              |          |            |
| 1.2                        | 188 A4.000                         | 04/2003 |         | OP09-186     |          | 45738256   |
| 1.3 D Multijet             | 199 B1.000                         | 12/2010 |         | OP09-119     |          | 55185375   |
| 1.9 JTD                    | 188 A2.000                         | 04/2003 |         | OP09-144     |          | 46744430   |
| ULYSSE (220)               |                                    |         |         |              |          |            |
| 2.0 16V                    | RFN (EW10J4)                       | 08/2000 | 06/2011 | OP09-130     |          | 1001.C7    |
| 2.0 JTD, 2.0 JTD 16V       | RHW (DW10ATED4)                    | 05/1999 | 08/2002 | OP09-133     |          | 9569342587 |
| ULYSSE (179AX)             |                                    |         |         |              |          |            |
| 2.0 JTD                    | RHM (DW10ATED4), RHW (DW10A-TED4)  | 08/2002 | 08/2006 | OP09-133     |          | 9569342587 |
| FIAT COMMERCIALI           |                                    |         |         |              |          |            |
| DOBLO Cargo (223)          |                                    |         |         |              |          |            |
| 1.3 D Multijet             | 199 A2.000                         | 10/2005 | 01/2010 | OP09-119     |          | 55185375   |
| 1.6 16V, 1.6 Natural Power | 182 B6.000                         | 10/2001 |         | OP09-187     |          | 46772183   |
| 1.9 JTD                    | 182 B9.000, 186 A9.000             | 09/2001 |         | OP09-144     |          | 46744430   |
| DOBLO Cargo (263)          |                                    |         |         |              |          |            |
| 1.3 D Multijet             | 199 A3.000                         | 02/2010 |         | OP09-119     |          | 55185375   |
| 1.4, 1.4 Natural Power     | 198 A4.000                         | 10/2011 |         | OP09-148     |          | 55209695   |
| DUCATO (230)               |                                    |         |         |              |          |            |
| 1.9 D                      | D9B                                | 02/1996 | 12/2006 | OP09-167     |          | 100156     |
| DUCATO (250)               |                                    |         |         |              |          |            |
| 2.2 D Multijet             | 4HV (P22DTE)                       | 07/2006 |         | OP09-117     |          | 9660667080 |
| FIORINO (225)              |                                    |         |         |              |          |            |
| 1.3 D Multijet             | 199 A2.000, 199 A9.000, 199 B1.000 | 11/2007 |         | OP09-119     |          | 55185375   |

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| FORD  |  |         |         |              |          |                         |
| GALAXY (WGR)                                  |  |         |         |              |          |                         |
| 1.9 TDI                                       | AHU, AFN   | 04/1996 | 04/2000 | OP09-105     |          | 028115105G              |
| 1.9 TDI                                       | ANU, AUY   | 08/2000 | 07/2006 | OP09-111     |          | 1124931 - 1100687       |
| GALAXY (WA6)                                  |  |         |         |              |          |                         |
| 1.8 TDCi                                      | FFWA, QYWA   | 05/2006 | 06/2015 | OP09-113     |          | 1078508 - XS4Q-6F008-AE |
| 2.0 TDCi                                      | QXWA, QXWB, QXWC                                     | 05/2006 | 06/2015 | OP09-136     |          | 1313818 - 3M5Q-6600-BB  |
| B-MAX   |  |         |         |              |          |                         |
| 1.5 TDCi                                      | UGJC, XVJA, XVJC                                     | 04/2015 | 11/2015 | OP09-165     | EURO 5/6 | 1739537                 |
| 1.6 TDCi                                      | T3JB   | 10/2012 |         | OP09-165     | EURO 5/6 | 1739537                 |
| C-MAX I                                       |  |         |         |              |          |                         |
| 1.6   | HWDA, HWDB, SHDA, SHDB, SHDC                         | 02/2007 | 09/2010 | OP09-188     |          | 1000143                 |
| 1.6 TDCi                                      | GPDA, HHDB, HHDA, MTDA, G8DC, G8DA, G8DB, G8DD       | 02/2007 | 09/2010 | OP09-166     |          | 1146062                 |
| 2.0 TDCi                                      | G6DA, G6DB, G6DD, G6DE, G6DG, IXDA                   | 02/2007 | 09/2010 | OP09-136     |          | 1313818 - 3M5Q-6600-BB  |
| C-MAX FOCUS                                   |  |         |         |              |          |                         |
| 1.6 TDCi                                      | HHDA, HHDB, G8DA, G8DB                               | 02/2005 | 03/2007 | OP09-166     |          | 1146062                 |
| 1.8 TDCi                                      | KKDA   | 01/2005 | 03/2007 | OP09-113     |          | 1078508 - XS4Q-6F008-AE |
| 2.0 TDCi                                      | G6DA, G6DB, G6DD, G6DE, G6DG                         | 06/2003 | 01/2008 | OP09-136     |          | 1313818 - 3M5Q-6600-BB  |
| C-MAX II - GRAND C-MAX                        |  |         |         |              |          |                         |
| 1.5 TDCi                                      | XXDA, AEDA, XWDA, XWDB, XXDA, XXDC                   | 03/2015 | 04/2015 | OP09-165     | EURO 5/6 | 1739537                 |
| 1.6 TDCi                                      | T1DA, T1DB, T3DA, T3DB                               | 12/2010 | 12/2011 | OP09-166     |          | 1146062                 |
| 1.6 TDCi                                      | T1DA, T1DB, T3DA, T3DB                               | 12/2010 | 04/2015 | OP09-165     | EURO 5/6 | 1739537                 |
| FIESTA IV (JA_, JB_)                          |  |         |         |              |          |                         |
| 1.25 16V                                      | DHA, DHB, DHC, DHD, DHE, DHF, DHG                    | 08/1995 | 01/2002 | OP09-188     |          | 1000143                 |
| 1.4 16V                                       | FHA, FHE   | 04/1996 | 01/2002 | OP09-188     |          | 1000143                 |
| 1.6 16V                                       | L1T, L1V   | 04/2000 | 01/2002 | OP09-132     |          | 1076978                 |
| 1.8 DI  | RTN, RTP, RTQ  | 04/2000 | 01/2002 | OP09-113     |          | 1078508 - XS4Q-6F008-AE |
| FIESTA V                                      |  |         |         |              |          |                         |
| 1.25 16V                                      | M7JA, M7JB, FUJA, FUJB                               | 03/2003 | 06/2008 | OP09-188     |          | 1000143                 |
| 1.4 16V                                       | FXJA, FXJB   | 11/2001 | 06/2008 | OP09-188     |          | 1000143                 |
| 1.4 TDCi                                      | F6JA, F6JB   | 11/2001 | 06/2008 | OP09-166     |          | 1146062                 |
| 1.6 TDCi                                      | HHJA, HHJB   | 11/2004 | 06/2008 | OP09-166     |          | 1146062                 |
| FIESTA VI                                     |  |         |         |              |          |                         |
| 1.25  | SNJA, SNJB, SNJC, SNJD                               | 06/2008 |         | OP09-188     |          | 1000143                 |
| 1.4 1.4 LPG                                   | SPJA, SPJC, RTJA, RTJB                               | 01/2009 |         | OP09-188     |          | 1000143                 |
| 1.4 TDCi                                      | F6JB, F6JD, KVJA                                     | 07/2010 | 07/2011 | OP09-166     |          | 1146062                 |
| 1.6 TDCi                                      | HHJF, UBJA, HHJD, HHJC, HHJE, TZJA, TZJB, T3JA       | 06/2008 |         | OP09-166     |          | 1146062                 |
| FOCUS I (DAW, DBW) - Saloon (DFW)             |  |         |         |              |          |                         |
| 1.8 16V                                       | EYDB, EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL | 02/1999 | 01/2005 | OP09-132     |          | 1076978                 |
| 1.8 DI / TDDi, 1.8 Turbo DI, / TDDi, 1.8 TDCi | BHDA, BHDB, C9DA, C9DB, C9DC, F9DA, F9DB, FFDA       | 10/1998 | 11/2004 | OP09-113     |          | 1078508 - XS4Q-6F008-AE |
| 2.0 16V                                       | EDDB, EDDC, EDDD, EDDF                               | 02/1999 | 11/2004 | OP09-132     |          | 1076978                 |

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| < FORD                       |  |         |         |              |          |                         |
| FOCUS II (DA_, HCP, DP)      |  |         |         |              |          |                         |
| 1.4                          | ASDA, ASDB   | 07/2004 | 09/2012 | OP09-188     |          | 1000143                 |
| 1.6, 1.6 Ti, 1.6 TDCi        | HWDA, HWDB, SHDA, SHDB, SHDC, GPDA, GPDB, GPDC, HHDA, HHDB | 04/2005 | 09/2012 | OP09-188     |          | 1000143                 |
| 1.6 TDCi                     | G8DA, G6DB, G6DD, G6DE, G6DF, MTDA                         | 07/2004 | 09/2012 | OP09-166     |          | 1146062                 |
| 1.8 TDCi                     | KKDA   | 01/2005 | 09/2012 | OP09-113     |          | 1078508 - XS4Q-6F008-AE |
| 2.0 TDCi                     | G6DA, G6DB, G6DD, G6DE, G6DG, IXDA                         | 12/2007 | 07/2011 | OP09-136     |          | 1313818 - 3M5Q-6600-BB  |
| FOCUS III                    |  |         |         |              |          |                         |
| 1.5 TDCi, 1.5 TDCi ECO-netic | XXDA, XXDC, XXDB, XWDA, XWDB, XWDC, XWDD                   | 09/2014 | 12/2015 | OP09-165     | EURO 5/6 | 1739537                 |
| 1.6 TDCi                     | T1DA, T1DB, T3DA, T3DB                                     | 07/2010 | 12/2011 | OP09-166     |          | 1146062                 |
| 1.6 TDCi, 1.6 TDCi ECO-netic | T1DA, T1DB, T3DA, T3DB, NGDA, NGDB                         | 09/2014 | 12/2015 | OP09-165     | EURO 5/6 | 1739537                 |
| FUSION                       |  |         |         |              |          |                         |
| 1.25                         | FUJA, FUJB   | 08/2004 | 12/2012 | OP09-188     |          | 1000143                 |
| 1.4                          | FXJA, FXJB, FXJC   | 04/2005 | 12/2012 | OP09-188     |          | 1000143                 |
| 1.6                          | FYJA, FYJB, FYJC   | 08/2002 | 11/2008 | OP09-188     |          | 1000143                 |
| ECOSPORT                     |  |         |         |              |          |                         |
| 1.5 TDCi                     | UGJE, XVJD   | 10/2013 |         | OP09-165     | EURO 5/6 | 1739537                 |
| KA                           |  |         |         |              |          |                         |
| 1.3 i                        | BAA, J4D, J4K, J4M, J4N, J4P, J4S                          | 09/1996 | 11/2008 | OP09-149     |          | XS6E6600AG              |
| 1.6 i                        | CDB, CDC   | 07/2003 | 11/2008 | OP09-149     |          | XS6E6600AG              |
| KA (Mod. 2008)               |  |         |         |              |          |                         |
| 1.3 TDCi                     | FD4  | 10/2008 |         | OP09-119     |          | 1723154                 |
| KUGA I                       |  |         |         |              |          |                         |
| 2.0 TDCi, 2.0 TDCi 4x4       | G6DG, UKDA   | 03/2008 | 11/2012 | OP09-136     |          | 1313818 - 3M5Q-6600-BB  |
| MONDEO II                    |  |         |         |              |          |                         |
| 1.6 i, 1.6 i 16V             | L1L, L1N, L1Q  | 08/1996 | 09/2000 | OP09-132     |          | 1076978                 |
| 1.8 i                        | RKB, RKE, RKH, RKJ, RKK                                    | 08/1996 | 09/2000 | OP09-132     |          | 1076978                 |
| 2.0 i                        | NGA, NGB, NGC, NGD   | 08/1996 | 09/2000 | OP09-132     |          | 1076978                 |
| MONDEO IV (BA7)              |  |         |         |              |          |                         |
| 1.6 TDCi                     | T1WA, T1WB, T1BB   | 06/2011 | 01/2015 | OP09-166     |          | 1146062                 |
| 1.6 TDCi                     | T1BA, T1BB, T1BC   | 06/2011 | 12/2014 | OP09-165     | EURO 5/6 | 1739537                 |
| 1.8 TDCi                     | FFBA, KHBA, QYBA   | 03/2007 | 01/2015 | OP09-113     |          | 1078508 - XS4Q-6F008-AE |
| 2.0 TDCi                     | QXBA, AZBA   | 03/2007 | 01/2015 | OP09-136     |          | 1313818 - 3M5Q-6600-BB  |
| MONDEO V                     |  |         |         |              |          |                         |
| 1.5 TDCi                     | UGCC, XUCA   | 05/2015 | 01/2016 | OP09-165     | EURO 5/6 | 1739537                 |
| 1.6 TDCi                     | U3CA, NGCA   | 09/2014 |         | OP09-165     | EURO 5/6 | 1739537                 |
| RANGER (TKE)                 |  |         |         |              |          |                         |
| 2.2 TDCi, 2.2 TDCi 4x4       | GBVAJPF  | 04/2011 |         | OP09-117     |          | 1456884 - 1C1Q-6600-CG  |
| 2.2 TDCi, 2.2 TDCi 4x4       | GBVAJPF, SAFA  | 04/2011 |         | OP09-118     |          | 1738483 - BK2Q-6600-BA  |
| S-MAX                        |  |         |         |              |          |                         |
| 1.6 TDCi                     | T1WA, T1WB   | 02/2011 | 06/2011 | OP09-166     |          | 1146062                 |

| MAKE TYPE        | ENGINE TYPE            | DATE    |         | FRECCIA REF. | NOTE | O. E. REF.              |
|------------------|------------------------|---------|---------|--------------|------|-------------------------|
|                  |                        | from    | to      |              |      |                         |
| < FORD           |                        |         |         |              |      |                         |
| 1.8 TDCi         | QYWA                   | 05/2006 | 12/2014 | OP09-113     |      | 1078508 - XS4Q-6F008-AE |
| TOURNEO CONNECT  |                        |         |         |              |      |                         |
| 1.8 TDCi/TDDi/DI | BHPA, P7PA, P7PB, R2PA | 08/2006 | 12/2013 | OP09-113     |      | 1078508 - XS4Q-6F008-AE |

|                                       |  |         |         |          |          |                         |
|---------------------------------------|--|---------|---------|----------|----------|-------------------------|
| FORD COMMERCIALI                      |  |         |         |          |          |                         |
| TRANSIT (F...)                        |  |         |         |          |          |                         |
| 2.4 DI, 2.4 DI RWD, 2.4 TDE, 2.4 TDCi | F4FA, D2FA, D2FB, D2FE, DOFA, H9FA   | 07/2001 | 05/2006 | OP09-117 |          | 1456884 - 1C1Q-6600-CG  |
| TRANSIT (Mod. 2006)                   |  |         |         |          |          |                         |
| 2.2 TDCi                              | QVFA, SRFA, SRFB, SRFC, SRFD, SRFE   | 04/2006 | 08/2014 | OP09-117 |          | 1456884 - 1C1Q-6600-CG  |
| 2.2 TDCi, 2.2 TDCi RWD                | DRFA, DRFB, DRFC, DRFD, DRFE, DRRA, DRRB, DRRC, CYFA, CYFB, CYFC, CYFD, USRA, USRB, UHFA, UHFB, UHFC | 10/2007 | 08/2014 | OP09-118 |          | 1738483 - BK2Q-6600-BA  |
| TRANSIT (Mod. 2014)                   |  |         |         |          |          |                         |
| 1.5 TDCi                              | UGCA, UGCB, XUCC, XUCD, XVCA, XVCB, XVCC   | 05/2015 | 01/2016 | OP09-165 | EURO 5/6 | 1739537                 |
| 1.6 TDCi                              | T3CA, T3CB, T3CC   | 02/2014 | 01/2016 | OP09-165 | EURO 5/6 | 1739537                 |
| TRANSIT CONNECT                       |  |         |         |          |          |                         |
| 1.8 Di                                | BHPA, P7PA, P7PB, R2PA, RWPA, RWPC, RWPD   | 06/2002 | 12/2013 | OP09-113 |          | 1078508 - XS4Q-6F008-AE |
| TRANSIT CONNECT (Mod. 2013)           |  |         |         |          |          |                         |
| 1.5 TDCi                              | XUGA, XVGA, XVGB, XVGC,  | 06/2015 | 01/2016 | OP09-165 | EURO 5/6 | 1739537                 |
| 1.6 TDCi                              | T3CA, T3CB, T3CC, T1GA   | 09/2013 | 01/2016 | OP09-165 | EURO 5/6 | 1739537                 |

|                 |                     |         |         |          |  |             |
|-----------------|---------------------|---------|---------|----------|--|-------------|
| HONDA           |                     |         |         |          |  |             |
| CIVIC VII       |                     |         |         |          |  |             |
| 1.7, 1.7 i VTEC | D17A8, D17A5, D17A9 | 02/2001 | 12/2005 | OP09-150 |  | 15100PLC003 |
| FR-V            |                     |         |         |          |  |             |
| 1.7             | D17A2               | 08/2004 |         | OP09-150 |  | 15100PLC003 |
| STREAM          |                     |         |         |          |  |             |
| 1.7 16V         | D17A2               | 05/2001 |         | OP09-150 |  | 15100PLC003 |

|               |            |         |         |          |  |             |
|---------------|------------|---------|---------|----------|--|-------------|
| HYUNDAI       |            |         |         |          |  |             |
| ACCENT IV     |            |         |         |          |  |             |
| 1.6           | G4FC       | 11/2010 |         | OP09-151 |  | 21350-2B001 |
| ATOS          |            |         |         |          |  |             |
| 1.0 i         | G4HC-E     | 03/2001 | 07/2003 | OP09-153 |  | 2131002550  |
| 1.1           | G4HD, G4HG | 08/2003 | 12/2008 | OP09-153 |  | 2131002550  |
| GETZ          |            |         |         |          |  |             |
| 1.1           | G4HD, G4HG | 09/2002 | 06/2009 | OP09-153 |  | 2131002550  |
| i10           |            |         |         |          |  |             |
| 1.1           | G4HG       | 07/2007 | 12/2013 | OP09-153 |  | 2131002550  |
| i20 (PB, PBT) |            |         |         |          |  |             |
| 1.4           | G4FA       | 09/2008 | 12/2015 | OP09-151 |  | 21350-2B001 |

| MAKE TYPE           | ENGINE TYPE  | DATE    |         | FRECCIA REF. | NOTE | O. E. REF.   |
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|                     |              | from    | to      |              |      |              |
| < HYUNDAI           |              |         |         |              |      |              |
| 1.6                 | G4FC         | 09/2008 | 12/2012 | OP09-151     |      | 21350-2B001  |
| ix20 (JC)           |              |         |         |              |      |              |
| 1.4                 | G4FA         | 11/2010 |         | OP09-151     |      | 21350-2B001  |
| 1.6                 | G4FC         | 11/2010 |         | OP09-151     |      | 21350-2B001  |
| i30 (FD)            |              |         |         |              |      |              |
| 1.4                 | G4FA         | 10/2007 | 06/2012 | OP09-151     |      | 21350-2B001  |
| 1.6                 | G4FC         | 10/2007 | 06/2012 | OP09-151     |      | 21350-2B001  |
| i30 (GD)            |              |         |         |              |      |              |
| 1.4                 | G4FA         | 12/2011 | 12/2015 | OP09-151     |      | 21350-2B001  |
| 1.6                 | G4FC         | 01/2012 | 12/2016 | OP09-151     |      | 21350-2B001  |
|                     |              |         |         |              |      |              |
| HYUNDAI COMMERCIALI |              |         |         |              |      |              |
| H100                |              |         |         |              |      |              |
| 2.5 D, 2.5 TD       | D4BA, D4BX   | 07/1993 | 03/2000 | OP09-152     |      | 2134042501   |
|                     |              |         |         |              |      |              |
| JAGUAR              |              |         |         |              |      |              |
| S-TYPE              |              |         |         |              |      |              |
| 2.7 D               | AJD          | 06/2004 | 10/2007 | OP09-146     |      | 1348651      |
| XF                  |              |         |         |              |      |              |
| 2.7 D               | AJD          | 03/2008 | 04/2015 | OP09-146     |      | 1348651      |
| 3.0 D               | 306DT, AJV6D | 03/2009 | 04/2015 | OP09-146     |      | 1348651      |
|                     |              |         |         |              |      |              |
| JEEP                |              |         |         |              |      |              |
| COMPASS             |              |         |         |              |      |              |
| 2.2 CRD 4x4         | OM 651.925   | 12/2010 |         | OP09-154     |      | 651 180 2601 |
|                     |              |         |         |              |      |              |
| KIA                 |              |         |         |              |      |              |
| CARENS III MPV      |              |         |         |              |      |              |
| 1.6 CCVT            | G4FC         | 08/2009 |         | OP09-151     |      | 21350-2B001  |
| CEE'D (ED)          |              |         |         |              |      |              |
| 1.4                 | G4FA         | 12/2006 | 12/2012 | OP09-151     |      | 21350-2B001  |
| 1.6                 | G4FC         | 12/2006 | 12/2012 | OP09-151     |      | 21350-2B001  |
| CEE'D (JD)          |              |         |         |              |      |              |
| 1.4 CVVT            | G4FA         | 05/2012 |         | OP09-151     |      | 21350-2B001  |
| 1.6 CVVT            | G4FC         | 05/2012 |         | OP09-151     |      | 21350-2B001  |
| PICANTO (SA)        |              |         |         |              |      |              |
| 1.0                 | G4HE         | 04/2004 |         | OP09-153     |      | 2131002550   |
| 1.1                 | G4HG         | 04/2004 |         | OP09-153     |      | 2131002550   |
| PRO CEE→YD (JD)     |              |         |         |              |      |              |
| 1.4 CVVT            | G4FA         | 06/2013 |         | OP09-151     |      | 21350-2B001  |

| MAKE TYPE               | ENGINE TYPE | DATE    |         | FRECCIA<br>REF. | NOTE | O. E. REF.  |
|-------------------------|-------------|---------|---------|-----------------|------|-------------|
|                         |             | from    | to      |                 |      |             |
| < KIA                   |             |         |         |                 |      |             |
| RIO III                 |             |         |         |                 |      |             |
| 1.4 CVVT                | G4FA        | 09/2011 |         | OP09-151        |      | 21350-2B001 |
| SOUL (AM)               |             |         |         |                 |      |             |
| 1.6 CVVT                | G4FC        | 02/2009 |         | OP09-151        |      | 21350-2B001 |
| SPORTAGE (K00)          |             |         |         |                 |      |             |
| 2.0, 2.0 i 16V, 2.0 4WD | FE (16V)    | 10/2000 | 08/2003 | OP09-190        |      | OK01314100  |
| VENGA (YN)              |             |         |         |                 |      |             |
| 1.4 CRDi, 1.6 CRDi      | D4FC, D4FB  | 02/2010 |         | OP09-151        |      | 21350-2B001 |
| 1.6 CVVT                | G4FC        | 02/2010 |         | OP09-151        |      | 21350-2B001 |

|                          |                                    |         |         |          |  |            |
|--------------------------|------------------------------------|---------|---------|----------|--|------------|
| LANCIA                   |                                    |         |         |          |  |            |
| DELTA II                 |                                    |         |         |          |  |            |
| 1.6 i.e.                 | 182 A4.000, 182 A6.000             | 01/1996 | 08/1999 | OP09-187 |  | 7774040    |
| DELTA III                |                                    |         |         |          |  |            |
| 1.4, 1.4 Bifuel, 1.4 16V | 198 A4.000, 198 A7.000             | 09/2008 | 08/2014 | OP09-148 |  | 55209695   |
| MUSA                     |                                    |         |         |          |  |            |
| 1.3 D Multijet           | 188 A9.000, 199 A3.000, 199 B1.000 | 09/2006 | 09/2012 | OP09-119 |  | 55185375   |
| 1.9 JTD                  | 188 B2.000                         | 10/2004 | 09/2012 | OP09-144 |  | 46744430   |
| PHEDRA                   |                                    |         |         |          |  |            |
| 2.0                      | RFN (EW10J4)                       | 09/2002 | 11/2010 | OP09-130 |  | 1001.C7    |
| 2.0 JTD, 2.0 D Multijet  | RHW (DW10ATED4), RHR (DW10BTED4)   | 06/2006 | 11/2010 | OP09-133 |  | 9569342587 |
| YPSILON (843)            |                                    |         |         |          |  |            |
| 1.2                      | 188 A4.000                         | 10/2003 | 12/2011 | OP09-186 |  | 45738256   |
| 1.3 D Multijet           | 199 A2.000, 199 A3.000             | 09/2006 | 12/2011 | OP09-119 |  | 55185375   |
| ZETA                     |                                    |         |         |          |  |            |
| 2.0 16V (220AL5)         | RFV (XU10J4R)                      | 07/2000 | 09/2002 | OP09-130 |  | 1001.C7    |
| 2.0 JTD                  | RHZ (DW10ATED)                     | 09/1999 | 09/2002 | OP09-133 |  | 9569342587 |

|                        |               |         |         |          |  |         |
|------------------------|---------------|---------|---------|----------|--|---------|
| LAND ROVER             |               |         |         |          |  |         |
| DISCOVERY III          |               |         |         |          |  |         |
| 2.7 TD 4x4             | 276DT         | 07/2004 | 09/2009 | OP09-146 |  | 1348651 |
| DISCOVERY IV           |               |         |         |          |  |         |
| 2.7 TD 4x4             | 276DT         | 09/2009 |         | OP09-146 |  | 1348651 |
| 3.0 SDV6 4x4           | 30DDTX        | 11/2009 |         | OP09-146 |  | 1348651 |
| 3.0 TD 4x4             | 306DT, 30DDTX | 09/2009 |         | OP09-146 |  | 1348651 |
| DISCOVERY V            |               |         |         |          |  |         |
| 3.0 TD 4x4             | 306DT         | 09/2016 |         | OP09-146 |  | 1348651 |
| RANGE ROVER SPORT (LS) |               |         |         |          |  |         |
| 2.7 TDVM 4x4           | 276DT         | 02/2005 | 03/2013 | OP09-146 |  | 1348651 |
| 3.0 TD 4x4             | 30DDTX        | 09/2009 |         | OP09-146 |  | 1348651 |

| MAKE TYPE              | ENGINE TYPE | DATE    |    | FRECCIA REF. | NOTE | O. E. REF. |
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|                        |             | from    | to |              |      |            |
| LAND ROVER             |             |         |    |              |      |            |
| RANGE ROVER SPORT (LW) |             |         |    |              |      |            |
| 3.0 TD 4x4             | 30DDTX      | 04/2013 |    | OP09-146     |      | 1348651    |
| 3.0 TD Hybrid 4x4      | 306DT       | 10/2013 |    | OP09-146     |      | 1348651    |
| VELAR (L560)           |             |         |    |              |      |            |
| →3.0 D300→†            | 306DT       | 03/2017 |    | OP09-146     |      | 1348651    |

|                     |          |         |           |                 |          |             |
|---------------------|----------|---------|-----------|-----------------|----------|-------------|
| <b>MAZDA</b>        |          |         |           |                 |          |             |
| <b>626 II (GC)</b>  |          |         |           |                 |          |             |
| 2.0                 | FE (8V)  | 01/1983 | 01/1987   | <b>OP09-190</b> |          | OK01314100  |
| <b>626 III (GD)</b> |          |         |           |                 |          |             |
| 2.0 16V             | FE (16V) | 11/1987 | 05/1992   | <b>OP09-190</b> |          | OK01314100  |
| <b>3 (BL)</b>       |          |         |           |                 |          |             |
| 1.6 MZR CD          | Y655     | 12/2008 | ENG 11212 | <b>OP09-165</b> | EURO 5/6 | Y655-14-100 |
| <b>5 (CW)</b>       |          |         |           |                 |          |             |
| 1.6 CD              | Y655     | 09/2010 | ENG 11212 | <b>OP09-165</b> | EURO 5/6 | Y655-14-100 |

|   |                        |         |         |                 |  |              |
|---|------------------------|---------|---------|-----------------|--|--------------|
| <b>MERCEDES-BENZ</b>                          |                        |         |         |                 |  |              |
| <b>CLA (C117)</b>                             |                        |         |         |                 |  |              |
| CLA 108 CDI                                   | OM 607.951             | 10/2013 |         | <b>OP09-137</b> |  | 15010-8334R  |
| CLA 200 CDI                                   | OM 651.930             | 07/2014 |         | <b>OP09-154</b> |  | 651 180 2801 |
| CLA 220 CDI                                   | OM 651.930             | 07/2014 |         | <b>OP09-154</b> |  | 651 180 2801 |
| <b>CLASSE A (W176)</b>                        |                        |         |         |                 |  |              |
| A 160 CDI                                     | OM 607.951             | 06/2013 |         | <b>OP09-137</b> |  | 15010-8334R  |
| A 180 CDI                                     | OM 607.951             | 06/2012 |         | <b>OP09-137</b> |  | 15010-8334R  |
| A 180 CDI                                     | OM 651.901             | 06/2012 |         | <b>OP09-154</b> |  | 651 180 2801 |
| A 200 CDI                                     | OM 651.901, OM 651.930 | 02/2014 |         | <b>OP09-154</b> |  | 651 180 2801 |
| A 220 CDI, A 220 /d                           | OM 651.930             | 09/2012 |         | <b>OP09-154</b> |  | 651 180 2801 |
| <b>CLASSE B (W246, W242)</b>                  |                        |         |         |                 |  |              |
| B 160 CDI                                     | OM 607.951             | 05/2013 |         | <b>OP09-137</b> |  | 15010-8334R  |
| B 180 CDI                                     | OM 607.951             | 02/2013 |         | <b>OP09-137</b> |  | 15010-8334R  |
| B 180 CDI                                     | OM 651.901             | 11/2011 |         | <b>OP09-154</b> |  | 651 180 2801 |
| B 200 CDI                                     | OM 651.901, OM 651.930 | 11/2011 |         | <b>OP09-154</b> |  | 651 180 2801 |
| B 220 CDI, B 220 CDI /d                       | OM 651.930             | 11/2011 |         | <b>OP09-154</b> |  | 651 180 2801 |
| <b>CLASSE C (W204) - Station wagon (S204)</b> |                        |         |         |                 |  |              |
| C 220 CDI, C 220 CDI 4-matic                  | OM 651.911, OM 651.912 | 12/2008 | 01/2014 | <b>OP09-154</b> |  | 651 180 2801 |
| C 250 CDI, C 250 CDI 4-matic                  | OM 651.911, OM 651.912 | 08/2008 | 01/2014 | <b>OP09-154</b> |  | 651 180 2801 |
| <b>CLASSE C (W205) - T-Model (S205)</b>       |                        |         |         |                 |  |              |
| C 200 d                                       | OM 651.921             | 10/2015 |         | <b>OP09-154</b> |  | 651 180 2801 |
| C 220 BlueTEC / d                             | OM 651.921             | 12/2013 |         | <b>OP09-154</b> |  | 651 180 2801 |

| MAKE TYPE  | ENGINE TYPE | DATE    |         | FRECCIA REF. | NOTE | O. E. REF.   |
|--|-------------|---------|---------|--------------|------|--------------|
|  |             | from    | to      |              |      |              |
| < MERCEDES-BENZ  |             |         |         |              |      |              |
| C 250 BlueTEC / d  | OM 651.921  | 02/2014 |         | OP09-154     |      | 651 180 2801 |
| C 300 BlueTEC / hybrid                                     | OM 651.921  | 05/2014 |         | OP09-154     |      | 651 180 2801 |
| CLASSE E (W212) - Station wagon (S212)                     |             |         |         |              |      |              |
| E 200 CDI, E 200 CDI / BlueTEC                             | OM 651.925  | 01/2009 |         | OP09-154     |      | 651 180 2801 |
| E 220 CDI, E 220 CDI / BlueTEC, E 220 CDI / BlueTEC 4matic | OM 651.924  | 01/2009 |         | OP09-154     |      | 651 180 2801 |
| E 250 CDI / BlueTEC, E 250 CDI / BlueTEC 4matic            | OM 651.924  | 01/2009 |         | OP09-154     |      | 651 180 2801 |
| E 300 Hybrid / BlueTEC Hybrid                              | OM 651.924  | 12/2011 |         | OP09-154     |      | 651 180 2801 |
| CLASSE S (W221)  |             |         |         |              |      |              |
| S 250 CDI  | OM 651.961  | 01/2011 | 12/2013 | OP09-154     |      | 651 180 2801 |
| S 300 Hybrid / BlueTEC Hybrid                              | OM 651.921  | 12/2011 |         | OP09-154     |      | 651 180 2801 |
| CLASSE V (638/2)   |             |         |         |              |      |              |
| V 200 CDI, V 220 CDI                                       | OM 611.980  | 03/1999 | 07/2003 | OP09-101     |      | 6011801401   |
| V 220 CDI, V 220 CDI 4matic                                | OM 651.950  | 03/2014 |         | OP09-154     |      | 651 180 2801 |
| CLK (C209)   |             |         |         |              |      |              |
| 220 CDI  | OM 646.966  | 01/2005 | 05/2009 | OP09-120     |      | 6461801601   |
| CLS (C218)   |             |         |         |              |      |              |
| CLS 220 BlueTEC  | OM 651.924  | 05/2014 |         | OP09-154     |      | 651 180 2801 |
| CLS 250 CDI / BlueTEC                                      | OM 651.924  | 04/2011 |         | OP09-154     |      | 651 180 2801 |
| GLA (X156)   |             |         |         |              |      |              |
| GLA 200 CDI, GLA 200 CDI 4matic                            | OM 651.930  | 12/2013 |         | OP09-154     |      | 651 180 2801 |
| V 220 CDI, V 220 CDI 4matic                                | OM 651.930  | 12/2013 |         | OP09-154     |      | 651 180 2801 |
| GLC (X253)   |             |         |         |              |      |              |
| 220 d 4-matic  | OM 651.921  | 06/2016 |         | OP09-154     |      | 651 180 2801 |
| 250 d 4-matic  | OM 651.921  | 06/2016 |         | OP09-154     |      | 651 180 2801 |

## MERCEDES-BENZ COMMERCIALI

|                           |                        |         |         |          |  |             |
|---------------------------|------------------------|---------|---------|----------|--|-------------|
| CITAN (415)               |                        |         |         |          |  |             |
| 108 CDI, 109 CDI, 111 CDI | OM 607.951             | 04/2000 | 05/2006 | OP09-137 |  | 15010-8334R |
| SPRINTER 2-t (901, 902)   |                        |         |         |          |  |             |
| 208 CDI, 211 CDI, 213 CDI | OM 611.987, OM 611.981 | 04/2000 | 05/2006 | OP09-101 |  | 6011801401  |
| SPRINTER 3-t (903)        |                        |         |         |          |  |             |
| 308 CDI                   | OM 611.987             | 04/2000 | 05/2006 | OP09-101 |  | 6011801401  |
| 311 CDI, 313 CDI          | OM 611.981             | 04/2000 | 05/2006 | OP09-101 |  | 6011801401  |
| 311 CDI 4x4               | OM 611.981             | 08/2002 | 05/2006 | OP09-101 |  | 6011801401  |
| 313 CDI 4x4               | OM 611.981             | 10/2003 | 05/2006 | OP09-101 |  | 6011801401  |
| 316 CDI                   | OM 612.981             | 04/2000 | 05/2006 | OP09-101 |  | 6011801401  |
| SPRINTER 3-t (906)        |                        |         |         |          |  |             |
| 209 CDI                   | OM 646.984             | 06/2006 | 12/2009 | OP09-120 |  | 6461801601  |



| MAKE TYPE   | ENGINE TYPE  | DATE    |         | FRECCIA REF. | NOTE | O. E. REF.   |
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|   |  | from    | to      |              |      |              |
| < MERCEDES-BENZ COMMERCIALI                         |  |         |         |              |      |              |
| 211 CDI   | OM 646.985   | 06/2006 | 12/2009 | OP09-120     |      | 6461801601   |
| 213 CDI   | OM 646.986   | 06/2006 | 12/2009 | OP09-120     |      | 6461801601   |
| 215 CDI   | OM 646.986, OM 646.989, OM 646.990                     | 06/2006 | 12/2009 | OP09-120     |      | 6461801601   |
| SPRINTER 4-t (904)                                  |  |         |         |              |      |              |
| 408 CDI, 411 CDI, 413 CDI, 411 CDI 4x4, 413 CDI 4x4 | OM 611.981, OM 611.987                                 | 04/2000 | 05/2006 | OP09-101     |      | 6011801401   |
| VIANO (W639)  |  |         |         |              |      |              |
| CDI 2.0, CDI 2.0 4-matic,                           | OM 646.982   | 09/2003 |         | OP09-120     |      | 6461801601   |
| CDI 2.0, CDI 2.0 4-matic,                           | OM 651.940   | 07/2010 |         | OP09-154     |      | 651 180 2801 |
| CDI 2.2, CDI 2.2 4-matic                            | OM 646.980, OM 646.982                                 | 07/2010 |         | OP09-120     |      | 6461801601   |
| CDI 2.2, CDI 2.2 4-matic                            | OM 651.940   | 07/2010 |         | OP09-154     |      | 651 180 2801 |
| VITO (638)  |  |         |         |              |      |              |
| 108 CDI 2.2, 110 CDI 2.2, 112 CDI 2.2               | OM 611A (60 KW CDI), OM 611.980, OM 611LA (75 KW CDI), | 03/1999 | 07/2003 | OP09-101     |      | 6011801401   |
| 109 CDI, 109 CDI 4x4                                | OM 646.980, OM 646.981, OM 646.983                     | 09/2003 |         | OP09-120     |      | 6461801601   |
| 111 CDI, 111 CDI 4x4                                | OM 646.980, OM 646.982                                 | 09/2003 |         | OP09-120     |      | 6461801601   |
| 115 CDI, 115 CDI 4x4                                | OM 646.982   | 09/2003 |         | OP09-120     |      | 6461801601   |
| VITO (W639)   |  |         |         |              |      |              |
| 110 CDI   | OM 651.940   | 09/2010 |         | OP09-154     |      | 651 180 2801 |
| 113 CDI   | OM 651.940   | 09/2010 |         | OP09-154     |      | 651 180 2801 |
| 116 CDI   | OM 651.940   | 09/2010 |         | OP09-154     |      | 651 180 2801 |
| VITO (W447)   |  |         |         |              |      |              |
| 114 CDI   | OM 651.950   | 10/2014 |         | OP09-154     |      | 651 180 2801 |
| 116 CDI   | OM 651.950   | 10/2014 |         | OP09-154     |      | 651 180 2801 |
| 119 CDI   | OM 651.950   | 10/2014 |         | OP09-154     |      | 651 180 2801 |
| MINI  |  |         |         |              |      |              |
| MINI (R56)  |  |         |         |              |      |              |
| Cooper D  | 9HZ (DV6TED4)  | 06/2009 | 07/2010 | OP09-166     |      | 1E05-14-100A |
| One D   | 9HZ (DV6TED4)  | 11/2006 | 07/2010 | OP09-166     |      | 1E05-14-100A |
| MITSUBISHI  |  |         |         |              |      |              |
| LANCER VIII   |  |         |         |              |      |              |
| 2,0 DI-D  | BKD  | 01/2008 |         | OP09-141     |      | 03G115105    |
| PAJERO II   |  |         |         |              |      |              |
| 2.8 TD  | 4M40-T   | 06/1994 | 10/1999 | OP09-191     |      | ME201735     |
| PAJERO SPORT  |  |         |         |              |      |              |
| 2.5 TD  | 4D56 T (8V)  | 11/1998 |         | OP09-152     |      | 2134042501   |

| MAKE TYPE                        | ENGINE TYPE  | DATE    |         | FRECCIA REF. | NOTE  | O. E. REF.  |
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|                                  |              | from    | to      |              |   |             |
| NISSAN                           |              |         |         |              |   |             |
| ALMERA II (N16)                  |              |         |         |              |   |             |
| 2.2 dCi                          | YD22DDTi     | 07/2000 |         | OP09-159     | Non per motori common rail<br>Not for common rail engines | 15010VK500  |
| CUBE                             |              |         |         |              |   |             |
| 1.6 16V                          | HR16DE       | 03/2010 |         | OP09-160     |   | 15010-1HC0A |
| JUKE                             |              |         |         |              |   |             |
| 1.6                              | HR16DE       | 06/2010 |         | OP09-160     |   | 15010-1HC0A |
| MICRA III (K12) C+C              |              |         |         |              |   |             |
| 1.6 160 SR                       | HR16DE       | 08/2005 |         | OP09-160     |   | 15010-1HC0A |
| MURANO II (Z51)                  |              |         |         |              |   |             |
| 2.5 dCi 4x4                      | YD25DDTi     | 01/2010 | 09/2014 | OP09-156     |   | 15010-5X00A |
| 2.5 dCi 4x4                      | YD25DDTi     | 01/2010 | 09/2014 | OP09-159     | Non per motori common rail<br>Not for common rail engines | 15010VK500  |
| NOTE                             |              |         |         |              |   |             |
| 1.6                              | HR16DE       | 03/2006 |         | OP09-160     |   | 15010-1HC0A |
| NP 300 NAVARA (D40)              |              |         |         |              |   |             |
| 2.5 dCi, 2.5 dCi 4WD             | YD25DDTi     | 07/2005 |         | OP09-156     |   | 15010-5X00A |
| QASHQAI / QASHQAI +2 (J10, JJ10) |              |         |         |              |   |             |
| 1.6                              | HR16DE       | 02/2007 | 12/2013 | OP09-160     |   | 15010-1HC0A |
| 2.0 dCi                          | M1D, M9R     | 02/2007 | 12/2013 | OP09-155     |   | 1501000Q1K  |
| PATHFINDER (R51)                 |              |         |         |              |   |             |
| 2.5 dCi 4WD                      | YD25DDTi     | 03/2005 |         | OP09-156     |   | 15010-5X00A |
| 2.5 dCi 4WD                      | YD25DDTi     | 03/2005 |         | OP09-159     | Non per motori common rail<br>Not for common rail engines | 15010VK500  |
| PATHFINDER (R52)                 |              |         |         |              |   |             |
| 2.5 dCi 4WD                      | YD25DDTi     | 09/2012 |         | OP09-156     |   | 15010-5X00A |
| 2.5 dCi 4WD                      | YD25DDTi     | 09/2012 |         | OP09-159     | Non per motori common rail<br>Not for common rail engines | 15010VK500  |
| TIIDA                            |              |         |         |              |   |             |
| 1.6                              | HR16DE       | 09/2007 |         | OP09-160     |   | 15010-1HC0A |
| X-TRAIL (T30)                    |              |         |         |              |   |             |
| 2.0 dCi, 2.0 dCi FWD             | QR25DE       | 09/2002 | 12/2006 | OP09-158     |   | 13500-6N203 |
| 2.2 dCi, 2.2 dCi 4x4             | YD22DDTi     | 12/2003 | 01/2013 | OP09-159     | Non per motori common rail<br>Not for common rail engines | 15010VK500  |
| X-TRAIL (T31)                    |              |         |         |              |   |             |
| 2.0 dCi, 2.0 dCi FWD             | M9R, M9R 760 | 06/2007 | 11/2013 | OP09-155     |   | 1501000Q1K  |
| X-TRAIL (T32)                    |              |         |         |              |   |             |
| 2.0 dCi, 2.0 dCi ALL MODE 4x4-i  | M9R          | 10/2016 |         | OP09-155     |   | 1501000Q1K  |

## NISSAN COMMERCIALI

|                  |                           |         |  |                 |  |              |
|------------------|---------------------------|---------|--|-----------------|--|--------------|
| <b>INTERSTAR</b> |                           |         |  |                 |  |              |
| dCi 100          | G9U 720, G9U 754          | 11/2003 |  | <b>OP09-131</b> |  | 1005-4401472 |
| dCi 120          | G9U 720, G9U 724, G9U 750 | 04/2002 |  | <b>OP09-131</b> |  | 1005-4401472 |
| <b>PRIMASTAR</b> |                           |         |  |                 |  |              |
| dCi 115          | G9U 630                   | 09/2002 |  | <b>OP09-131</b> |  | 1005-4401472 |

| MAKE TYPE              | ENGINE TYPE  | DATE    |             | FRECCIA REF. | NOTE | O. E. REF.   |
|------------------------|--|---------|-------------|--------------|------|--------------|
|                        |  | from    | to          |              |      |              |
| < NISSAN COMMERCIALI   |  |         |             |              |      |              |
| dCi 140                | G9U 730  | 09/2006 |             | OP09-131     |      | 1005-4401472 |
| dCi 150                | G9U 632  | 07/2003 |             | OP09-131     |      | 1005-4401472 |
| 2.0 dCi 90             | M9R 782  | 09/2006 |             | OP09-155     |      | 1501000Q1K   |
| 2.0 dCi 115            | M9R 780  | 09/2006 |             | OP09-155     |      | 1501000Q1K   |
| NV200                  |  |         |             |              |      |              |
| 1.6 16V                | HR16DE   | 02/2010 |             | OP09-160     |      | 15010-1HC0A  |
| NV400                  |  |         |             |              |      |              |
| dCi 100, 125, 145, 150 | M9T 670, M9T 672, M9T 676, M9T 686, M9T 690, M9T 692, M9T 696, M9T 698, M9T 870, M9T 896 | 11/2011 | Eng. 140922 | OP09-157     |      | 150002040R   |

|  |   |               |               |                 |  |                   |
|--|---|---------------|---------------|-----------------|--|-------------------|
| <b>OPEL</b>  |   |               |               |                 |  |                   |
| <b>AGILA A</b>   |   |               |               |                 |  |                   |
| 1.3 CDTI   | Z 13 DT   | 08/2003       | 12/2007       | <b>OP09-119</b> |  | 55232196          |
| <b>AGILA B</b>   |   |               |               |                 |  |                   |
| 1.3 CDTI   | D13A, Z 13 DTJ  | 04/2008       | 04/2010       | <b>OP09-119</b> |  | 55232196          |
| <b>ASTRA F - Cabriolet - Station wagon - Van (T92)</b>   |   |               |               |                 |  |                   |
| 1.4, 1.4 Si, 1.4 i, 1.4 i 16 V                           | 14 NV, 14 SE, C 14 SE, C 14 NZ, X 14 NZ, C 14 NZ, X 16 XEL, X 14 XE | 09/1991       | 01/1998       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.6, 1.6 i, 1.6 Si, 1.6 i 16 V                           | C 16 NZ, X 16 SZR, C 16 SE, X 16 XEL                                | 09/1991       | 01/1998       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.6  | 16 LZ2  | 09/1995       | 09/1998       | <b>OP09-114</b> |  | 646001 - 646042   |
| 1.7 TD   | X 17 DTL  | 11/1994       | 09/1998       | <b>OP09-161</b> |  | 646048            |
| 1.8 i  | C 18 NZ   | eng. 14254439 | 09/1998       | <b>OP09-114</b> |  | 646001 - 646042   |
| 1.8 i 16 V   | C 18 XE, C 18 XEL   | eng. 14261174 | 09/1998       | <b>OP09-114</b> |  | 646001 - 646042   |
| 2.0 i  | C 20 NE   | eng. 14608701 | 09/1998       | <b>OP09-114</b> |  | 646001 - 646042   |
| 2.0 i 16 V   | X 20 XEV  | 02/1995       | eng. 14315276 | <b>OP09-114</b> |  | 646001 - 646042   |
| 2.0 i 16 V   | X 20 XEV  | eng. 14315276 | 09/1998       | <b>OP09-103</b> |  | 646052 - 646056   |
| <b>ASTRA F CLASSIC - Station wagon</b>                   |   |               |               |                 |  |                   |
| 1.4 i  | X 14 NZ   | 01/1998       | 08/2002       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.6 i, 1.6 i 16 V  | X 16 XEL, X 16 SZR  | 01/1998       | 01/2005       | <b>OP09-102</b> |  | 646009 - 646041   |
| <b>ASTRA G - Cabriolet - Coupé - Station wagon (T98)</b> |   |               |               |                 |  |                   |
| 1.4  | Z 14 XEP  | 09/2007       | 12/2009       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.4  | Z 14 XEP  | 09/2007       | 12/2009       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.4 16V, 1.6 16V   | X 14 XE, Z 14 XE, X 16 XEL, Z 16 XE, Z 16 XEP                       | 02/1998       | 10/2005       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.6  | X 16 SZR, Z 16 SE   | 02/1998       | 07/2004       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.6 GNG  | Z 16 YNG  | 03/2003       | 07/2004       | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.7 TD   | X 17 DTL  | 02/1998       | 04/2005       | <b>OP09-161</b> |  | 646048            |
| 1.7 CTDI, 1.7 CTDI 16 V                                  | Y 17 DT, Y 17 DTL   | 02/2000       | 12/2009       | <b>OP09-115</b> |  | 646061 - 646164   |
| 1.8 16V  | →tX 18 XE1  | 02/1998       | 09/2000       | <b>OP09-192</b> |  | 90543924          |
| 1.8 16V  | Z 18 XE   | Eng. 36000001 | 01/2005       | <b>OP09-121</b> |  | 646072 - 93294869 |
| 2.0 OPC  | Z 20 LET  | 09/2002       | 07/2004       | <b>OP09-103</b> |  | 646052 - 646056   |

| MAKE TYPE                                  | ENGINE TYPE  | DATE          |         | FRECCIA REF. | NOTE   | O. E. REF.        |
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| < OPEL                                     |  |               |         |              |  |                   |
| ASTRA H - GTC - Station wagon (A04)        |  |               |         |              |  |                   |
| 1.3 CDTI                                   | Z 13 DTH   | 08/2005       | 10/2010 | OP09-119     |  | 55232196          |
| 1.7 CTDI                                   | Z 17 DTL   | 08/2004       | 10/2012 | OP09-115     |  | 646061 - 646164   |
| 1.8  | Z 18 XE  | 05/2003       | 05/2010 | OP09-121     |  | 646072 - 93294869 |
| 2.0 Turbo                                  | Z 20 LEL , Z 20 LER  | 01/2005       | 06/2007 | OP09-103     |  | 646052 - 646056   |
| ASTRA H TwinTop                            |  |               |         |              |  |                   |
| 2.0 Turbo                                  | Z 20 LEL, Z 20 LER   | 09/2005       | 10/2010 | OP09-103     |  | 646052 - 646056   |
| ASTRA J -Sports Tourer                     |  |               |         |              |  |                   |
| 1.3 CDTI                                   | A 13 DTE   | 12/2009       | 10/2015 | OP09-119     |  | 55232196          |
| 2.0 CDTI, 2.0 biturbo CDTI                 | A 20 DTH, A 20 DTR   | 06/2011       | 10/2015 | OP09-163     | Senza start & stop<br>Without start and Stop | 55566000          |
| CALIBRA A                                  |  |               |         |              |  |                   |
| 2.0 i, 2.0 i 4x4                           | C 20 NE  | 08/1989       | 07/1997 | OP09-114     |  | 646001 - 646042   |
| 2.0 i 16V, 2.0 i 16V 4x4                   | X 20 XEV   | eng. 14315276 | 07/1997 | OP09-103     |  | 646052 - 646056   |
| CASCADA (W13)                              |  |               |         |              |  |                   |
| 2.0 CDTI                                   | A 20 DTH, A 20 DTR   | 03/2013       |         | OP09-163     | Senza start & stop<br>Without start and Stop | 55566000          |
| CORSA A (S83)                              |  |               |         |              |  |                   |
| 1.2 i                                      | C 12 NZ  | 09/1989       | 03/1993 | OP09-102     |  | 646009 - 646041   |
| 1.4 i, 1.4 S, 1.4 Si                       | C 14 NZ, 14 NV, C 14 SE                                    | 10/1989       | 03/1993 | OP09-102     |  | 646009 - 646041   |
| 1.6 GSI, 1.6 GSI cat                       | E 16 SE, C 16 SE, C 16 NZ                                  | 09/1988       | 03/1993 | OP09-102     |  | 646009 - 646041   |
| CORSA B (S93)                              |  |               |         |              |  |                   |
| 1.2 i                                      | 12 NZ, C 12 NZ, X 12 SZ                                    | 03/1993       | 09/2000 | OP09-102     |  | 646009 - 646041   |
| 1.4 i, 1.4 Si, 1.4 i 16V                   | C 14 NZ, X 14 SZ, C 14 SE, X 14 XE                         | 03/1993       | 09/2000 | OP09-102     |  | 646009 - 646041   |
| 1.6 i 16V, 1.6 GSI 16V                     | X 16 XE, C 16 XE, C 16 SEL                                 | 03/1993       | 09/2000 | OP09-102     |  | 646009 - 646041   |
| CORSA C (X01)                              |  |               |         |              |  |                   |
| 1.3 CDTI                                   | Z 13 DT  | 06/2003       |         | OP09-119     |  | 55232196          |
| 1.4  | Z 14 XE  | 10/2000       | 10/2003 | OP09-102     |  | 646009 - 646041   |
| 1.7 DTI, 1.7 DTI 16 V                      | Y 17 DT  | 09/2000       |         | OP09-115     |  | 646061 - 646164   |
| 1.8  | Z 18 XE  | eng. 33000001 | 12/2009 | OP09-121     |  | 646072 - 93294869 |
| CORSA D                                    |  |               |         |              |  |                   |
| 1.3 CDTI                                   | A 13 DTC, Z 13 DTJ, A 13 DTE, A 13 DTR, Z 13 DTE, Z 13 DTH | 07/2006       |         | OP09-119     |  | 55232196          |
| FRONTERA A (U92)                           |  |               |         |              |  |                   |
| 2.2 i                                      | X 22 XE  | 03/1995       | 10/1998 | OP09-114     |  | 646001 - 646042   |
| FRONTERA B (U99)                           |  |               |         |              |  |                   |
| 2.2 i                                      | X 22 SE, Y 22 SE   | 10/1998       | 08/2004 | OP09-103     |  | 646052 - 646056   |
| KADETT E - Cabriolet - Station wagon (T85) |  |               |         |              |  |                   |
| 1.4 i, 1.4 S                               | 14 NV, C 14 NZ   | 08/1990       | 02/1993 | OP09-102     |  | 646009 - 646041   |
| 1.6, 1.6 i, 1.6 S                          | 16 SV  | 09/1984       | 08/1991 | OP09-102     |  | 646009 - 646041   |
| 1.8 i, 1.8 S                               | E 18 NV, C 18 NZ, C 18 NE                                  | eng. 14254439 | 08/1991 | OP09-114     |  | 646001 - 646042   |
| 2.0 i, 2.0 i Cat                           | C 20 NE  | eng. 14608701 | 05/1992 | OP09-114     |  | 646001 - 646042   |

| MAKE TYPE                               | ENGINE TYPE   | DATE          |               | FRECCIA REF. | NOTE   | O. E. REF.        |
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|   |   | from          | to            |              |  |                   |
| < OPEL                                  |   |               |               |              |  |                   |
| INSIGNIA - INSIGNIA Station wagon (G09) |   |               |               |              |  |                   |
| 2.0 CDTI, 2.0 Biturbo CDTI              | A 20 DT, A 20 DTJ, A 20 DTC, A 20 DTH, A 20 DTJ, A 20 DTL, A 20 DTR | 07/2008       | 03/2017       | OP09-163     | Senza start & stop<br>Without start and Stop | 55566000          |
| 2.8 V6 Turbo 4x4                        | A 28 NET, A 28 NER  | 07/2008       | 03/2017       | OP09-164     |  | 12584298          |
| MERIVA (X03)                            |   |               |               |              |  |                   |
| 1.3 CDTI                                | A 13 DTJ, Z 13 DTJ  | 09/2003       | 05/2010       | OP09-119     |  | 55232196          |
| 1.6, 1.6 16V                            | Z 16 SE, Z 16 XE  | 05/2003       | 05/2010       | OP09-102     |  | 646009 - 646041   |
| 1.7 DTI                                 | Y 17 DT   | 09/2003       | 05/2010       | OP09-115     |  | 646061 - 646164   |
| 1.8                                     | Z 18 XE   | 05/2003       | 05/2010       | OP09-121     |  | 646072 - 93294869 |
| MERIVA B                                |   |               |               |              |  |                   |
| 1.3 CDTI                                | A 13 DTC, A 13 DTE  | 06/2010       |               | OP09-119     |  | 55232196          |
| OMEGA A - Estate (V87)                  |   |               |               |              |  |                   |
| 1.8, 1.8 N, 1.8 S                       | 18 NV, E 18 NVR, 18 SV  | eng. 14270601 | 03/1994       | OP09-114     |  | 646001 - 646042   |
| 2.0                                     | 20 SE   | eng. 14608701 | 03/1994       | OP09-114     |  | 646001 - 646042   |
| OMEGA B - Station wagon (V94)           |   |               |               |              |  |                   |
| 2.0                                     | X 20 XEV  | 03/1994       | 09/1999       | OP09-114     |  | 646001 - 646042   |
| 2.2 16V                                 | Y 22 XE, Z 22 XE  | 10/1999       | 07/2003       | OP09-103     |  | 646052 - 646056   |
| SINTRA                                  |   |               |               |              |  |                   |
| 2.2 i 16V                               | X 22 XE   | 03/1997       | 04/1999       | OP09-103     |  | 646052 - 646056   |
| SPEEDSTER                               |   |               |               |              |  |                   |
| 2.0 Turbo                               | Z 20 LET  | 08/2002       | 12/2005       | OP09-103     |  | 646052 - 646056   |
| TIGRA (S93)                             |   |               |               |              |  |                   |
| 1.4 16V                                 | X 14 XE   | 07/1994       | 08/1998       | OP09-102     |  | 646009 - 646041   |
| 1.6 16V                                 | C 16 SEL  | 07/1994       | 08/1998       | OP09-102     |  | 646009 - 646041   |
| TIGRA TwinTop                           |   |               |               |              |  |                   |
| 1.3 CDTI                                | Z 13 DT   | 06/2004       |               | OP09-119     |  | 55232196          |
| 1.8                                     | Z 18 XE   | 06/2004       | 12/2010       | OP09-121     |  | 646072 - 93294869 |
| VECTRA A (J89)                          |   |               |               |              |  |                   |
| 1.4 S                                   | 14 NV   | 04/1988       | eng. 02X38361 | OP09-102     |  | 646009 - 646041   |
| 1.6, 1.6 S                              | 16 SV   | 04/1988       | eng. 02X38361 | OP09-102     |  | 646009 - 646041   |
| 1.8 S, 1.8 S 4x4, 1.8 i Cat., 2.0       | 18 SV, C 18 NZ, C 20 NEF, C 20 NE                                   | eng. 14254439 | 11/1995       | OP09-114     |  | 646001 - 646042   |
| 2.0 i                                   | 20 NE   | eng. 14608701 | 10/1990       | OP09-114     |  | 646001 - 646042   |
| VECTRA B - Station wagon (J96)          |   |               |               |              |  |                   |
| 1.6 i, 1.6 i 16V                        | X 16 SZR, X 16 XEL, Y 16 XE, Z 16 XE                                | 10/1995       | 07/2002       | OP09-102     |  | 646009 - 646041   |
| 1.8 i 16 V                              | X 18 XE, X 18 XE1   | 10/1995       | 09/2000       | OP09-192     |  | 90543924          |
| 1.8 i 16 V                              | X 18 XE   | eng. 14261175 | 09/2000       | OP09-103     |  | 646052 - 646056   |
| 2.0 i 16 V                              | C 20 SEL, X 20 XEV  | 11/1996       | 09/2000       | OP09-103     |  | 646052 - 646056   |
| VECTRA C - GTS - Station wagon (Z02)    |   |               |               |              |  |                   |
| 1.6 16V                                 | Z 16 XE   | 06/2004       | 09/2008       | OP09-102     |  | 646009 - 646041   |
| 1.8                                     | Z 18 XE, Z 18 XEL   | eng. 31000001 | 09/2008       | OP09-121     |  | 646072 - 93294869 |
| 2.8 V6 Turbo 4x4                        | A 28 NET, A 28 NEL  | 05/2008       | 10/2008       | OP09-164     |  | 12584298          |

| MAKE TYPE        | ENGINE TYPE                 | DATE             |         | FRECCIA REF. | NOTE   | O. E. REF.        |
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|                  |                             | from             | to      |              |  |                   |
| < OPEL           |                             |                  |         |              |  |                   |
| ZAFIRA A (T98)   |                             |                  |         |              |  |                   |
| 1.6 16V, 1.6 CNG | X 16 XEL, Z 16 XE, Z 16 YNG | 04/1999          | 06/2005 | OP09-102     |  | 646009 - 646041   |
| 1.8 i 16 V       | X 18 XE1                    | 04/1999          | 09/2000 | OP09-192     |  | 90543924          |
| 2.0 OPC          | Z 20 LET                    | 10/2001          | 06/2005 | OP09-103     |  | 646052 - 646056   |
| ZAFIRA B (A05)   |                             |                  |         |              |  |                   |
| 1.6              | Z 16 XEP                    | 07/2005          | 09/2012 | OP09-102     |  | 646009 - 646041   |
| 1.8 16 V         | Z 18 XE                     | eng.<br>32000001 | 09/2006 | OP09-121     |  | 646072 - 93294869 |
| 2.0              | Z 20 LER                    | 07/2005          | 12/2012 | OP09-103     |  | 646052 - 646056   |
| ZAFIRA TOURER C  |                             |                  |         |              |  |                   |
| 2.0 CDTi         | A 20 DTH, A 20 DTR          | 10/2011          |         | OP09-163     | Senza start & stop<br>Without start and Stop | 55566000          |

|                            |   |         |             |                 |  |                   |
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| <b>OPEL COMMERCIALI</b>    |   |         |             |                 |  |                   |
| <b>COMBO</b>               |   |         |             |                 |  |                   |
| 1.2                        | C 12 NZ, X 12 SZ  | 07/1994 | 10/2001     | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.4                        | C 14 NZ, X 14 SZ, C 14 SE                                     | 07/1994 | 10/2001     | <b>OP09-102</b> |  | 646009 - 646041   |
| 1.6, 1.6 CNG, 1.6 CNG 16 V | Z 16 SE, Z 16 YNG   | 06/2006 |             | <b>OP09-102</b> |  | 646009 - 646041   |
| <b>COMBO (X12)</b>         |   |         |             |                 |  |                   |
| 1.4, 1.4 CNG               | A 14 FC, A 14 FP  | 02/2012 |             | <b>OP09-148</b> |  | 55209695          |
| <b>MOVANO</b>              |   |         |             |                 |  |                   |
| 2.5 DTI, 2.5 CDTI          | G9U 720, G9U 724, G9U 754, G9U 632, G9U 650                   | 10/2001 |             | <b>OP09-131</b> |  | 4401472 - 4432962 |
| <b>MOVANO B</b>            |   |         |             |                 |  |                   |
| 2.3 CDTI [FWD]             | M9T 670, M9T 672, M9T 676, M9T 678, M9T 680, M9T 876          | 05/2010 | Eng. 140922 | <b>OP09-157</b> |  | 150002040R        |
| 2.3 CDTI [RWD]             | M9T 686, M9T 690, M9T 692, M9T 694, M9T 696, M9T 698, M9T 876 | 05/2010 | Eng. 140922 | <b>OP09-157</b> |  | 150002040R        |
| <b>VIVARO</b>              |   |         |             |                 |  |                   |
| 2.0 CDTI                   | M9R 630, M9R 692, M9R 780, M9R 784, M9R 786, M9R 788          | 08/2006 |             | <b>OP09-155</b> |  | 4421638           |
| 2.0 CDTI                   | M9R 692   | 03/2012 |             | <b>OP09-168</b> |  | 4406493           |
| 2.5 DTI, 2.5 CDTI          | G9U 630, G9U 730, G9MB6                                       | 05/2003 |             | <b>OP09-131</b> |  | 4401472 - 4432962 |

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|----------------|--|---------|---------|-----------------|--|---------|
| <b>PEUGEOT</b> |  |         |         |                 |  |         |
| <b>106 I</b>   |  |         |         |                 |  |         |
| 1.0            | CDY (TU9M), TU9                                | 09/1991 | 12/1992 | <b>OP09-134</b> | Nr. Denti - Teeth Nr. = 29                               | 1001.50 |
| 1.1            | HDZ (TU1M)                                     | 09/1991 | 08/1992 | <b>OP09-134</b> | Nr. Denti - Teeth Nr. = 29                               | 1001.50 |
| 1.1            | CDY (TU9M), TU9, CDZ (TU9M), HDZ (TU1M), TU2J2 | 09/1991 | 04/1996 | <b>OP09-122</b> | Nr. Denti - Teeth Nr. = 21                               | 1001.C9 |
| 1.3            | TU2J2  | 10/1993 | 01/1994 | <b>OP09-134</b> | Nr. Denti - Teeth Nr. = 29                               | 1001.50 |
| 1.4            | KFZ (TU3J2/Z)                                  | 09/1991 | 07/1994 | <b>OP09-134</b> | Nr. Denti - Teeth Nr. = 29                               | 1001.50 |
| 1.4            | KDX (TU3MC), KDY (TU3M)                        | 09/1991 | 04/1996 | <b>OP09-122</b> | Nr. Denti - Teeth Nr. = 21                               | 1001.C9 |
| 1.4 D          | K9Y (TUD3Y)                                    | 09/1992 | 04/1996 | <b>OP09-122</b> | Nr. Denti - Teeth Nr. = 21                               | 1001.C9 |
| 1.5 D          | VJY (TUD5)                                     | 06/1993 | 04/1996 | <b>OP09-180</b> | Controllare il riferimento OE<br>Please see OE reference | 100169  |
| 1.6            | NFZ (TU5JP)                                    | 06/1993 | 08/1994 | <b>OP09-134</b> | Nr. Denti - Teeth Nr. = 29                               | 1001.50 |

| MAKE TYPE                | ENGINE TYPE  | DATE       |                    | FRECCIA REF. | NOTE   | O. E. REF. |
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| < PEUGEOT                |  |            |                    |              |  |            |
| 1.6                      | NFZ (TU5JP), NFY (TU5J2)   | 06/1993    | 04/1996            | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 106 II                   |  |            |                    |              |  |            |
| 1.0 i                    | CDY (TU9M), CDZ (TU9M)   | 05/1996    | 10/1999            | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.0 i                    | CDY (TU9M), CDZ (TU9M)   | 05/1996    | eng. ORGA<br>09687 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.1 i                    | HDZ (TU1M), HFX (TU1JP)  | 06/1996    | 06/2003            | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.1 i                    | HDZ (TU1M), HFX (TU1JP)  | 05/1996    | 07/2004            | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 i                    | KFW (TU3JP), KFX (TU3JP)   | 06/1996    | 06/2003            | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4 i                    | KFW (TU3JP), KFX (TU3JP)   | 05/1996    | 07/2004            | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 i                    | KFW (TU3JP), KFX (TU3JP)   | 05/1996    | 07/2004            | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.5 D                    | VJX (TUD5), VJY (TUD5), VJZ (TUD5)                                   | 05/1996    | 03/2001            | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.6 i                    | NFW (TU5J2), NFY (TU5J2)   | 05/1996    | 01/2001            | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.6 S 16                 | NFX (TU5J4)  | 05/1996    | 07/2004            | OP09-135     |  | 1001 87    |
| 205 II                   |  |            |                    |              |  |            |
| 1.0                      | TU9  | 10/1987    | 09/1991            | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.1                      | H1B (TU1), HDZ (TU1M)  | 10/1987    | 09/1998            | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4                      | 150D (XY7), 150G (XY7), KDX (TU3MC),<br>KDY (TU3M), KDZ (TU3M), TU32 | 10/1987    | 09/1993            | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4                      | KDX (TU3MC), KFX (TU3JP)   | 07/1988    | 09/1998            | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.6, 1.6 GTI             | B1A (XU51C), BAZ (XU5CP), B1E (XU51C)                                | 10/1987    | 09/1998            | OP09-167     |  | 1001 56    |
| 1.7 Diesel               | 161A (XUD7)  | 07/1987    | 09/1998            | OP09-167     |  | 1001 56    |
| 1.9 GTI                  | DFZ (XU9J1), DKZ (XU9JAZ)  | 10/1987    | 09/1998            | OP09-167     |  | 1001 56    |
| 206 - CC - SW            |  |            |                    |              |  |            |
| 1.1 i                    | HFX (TU1JP), HFZ (TU1JP)   | 09/1998    |                    | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4, 1.4 i, 1.4 16V      | KFW (TU3A), KFW (TU3JP), KFX (TU3JP),<br>KFU (ET3J4)                 | 09/1998    |                    | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4                      | KFV (TU3A), KFW (TU3JP)  | 07/2002    |                    | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.4 Hdi ECO 70           | 8HX (DV4TD), 8HZ (DV4TD)   | 09/2001    |                    | OP09-166     |  | 1001 A7    |
| 1.6 16V                  | NFU (TU5JP4)   | 09/2000    |                    | OP09-135     |  | 1001 87    |
| 1.6 Hdi 110              | 9HY (DV6TED4), 9HZ (DV6TED4)   | 05/2004    |                    | OP09-166     |  | 1001 A7    |
| 1.9 D                    | WJY (DW8B), WJZ (DW8)  | 09/1998    | 11/2001            | OP09-145     |  | 1001 91    |
| 2.0 16V, 2.0 RC, 2.0 S16 | RFK (EW10J4S), RFN (EW10J4), RFR<br>(DEW10J4)                        | 06/1999    |                    | OP09-130     |  | 1001.C7    |
| 207                      |  |            |                    |              |  |            |
| 1.4, 1.4 16V             | KFT (TU3A), KFV (TU3A), KFU (ET3J4)                                  | 02/2006    |                    | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4 HDi                  | 8HR (DV4C), 8HZ (DV4TD)  | 02/2006    |                    | OP09-166     |  | 1001 A7    |
| 1.4 HDi                  | 8HR (DV4C)   | Eng. 12747 |                    | OP09-165     | EURO 5/6   | 1001.G8    |
| 1.6 16V                  | NFU (TU5JP4)   | 02/2006    |                    | OP09-135     |  | 1001 87    |
| 1.6 HDi                  | 9HR (DV6C), 9HP (DV6DTED)  | 02/2006    |                    | OP09-166     |  | 1001 A7    |
| 1.6 HDi                  | 9HR (DV6C), 9HP (DV6DTED)  | Eng. 12747 |                    | OP09-165     | EURO 5/6   | 1001.G8    |
| 208                      |  |            |                    |              |  |            |
| 1.4 HDi                  | 8HR (DV4C)   | 03/2012    |                    | OP09-166     |  | 1001 A7    |
| 1.4 HDi                  | 8HP (DV4C), 8HR (DV4C)   | 03/2012    |                    | OP09-165     | EURO 5/6   | 1001.G8    |

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| < PEUGEOT                 |  |            |         |              |  |            |
| 1.6 HDi                   | 9HP (DV6DTED), 9HD (DV6CTED)                         | 03/2012    |         | OP09-166     |  | 1001.A7    |
| 1.6 HDi                   | 9HP (DV6DTED), BHW (DV6FE), BHY (DV6FD), BHX (DV6FC) | 03/2012    |         | OP09-165     | EURO 5/6   | 1001.G8    |
| 306 - Break               |  |            |         |              |  |            |
| 1.1                       | HDZ (TU1M)   | 05/1993    | 05/2001 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.1                       | HDZ (TU1M)   | 06/1994    | 05/2001 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4, 1.4 SL               | KFW (TU3JP), KFX (TU3JP)                             | 10/1997    | 12/2001 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4, 1.4 SL               | KDX (TU3MC), KFW (TU3JP), KFX (TU3JP)                | 05/1993    | 04/2002 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4, 1.4 SL               | KDX (TU3MC), KFW (TU3JP), KFX (TU3JP)                | 04/1993    | 07/2001 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.6, 1.6 SR               | NFZ (TU5JP)  | 06/1994    | 10/2000 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.9 D, 1.9 SLD            | DJY (XUD9A), DJZ (XUD9Y)                             | 05/1993    | 05/2001 | OP09-167     |  | 1001.56    |
| 1.9 D                     | WJY (DW8B), WJZ (DW8)                                | 09/1998    | 05/2001 | OP09-145     |  | 1001.91    |
| 307 - Break - SW - CC     |  |            |         |              |  |            |
| 1.4, 1.4 16V              | KFW (TU3JP), KFU (ET3J4)                             | 08/2000    |         | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4, 1.4 16V              | KFU (ET3J4)  | 04/2001    | 12/2008 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4                       | KFW (TU3JP)  | 08/2000    |         | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.4 Hdi                   | 8HX (DV4TD), 8HZ (DV4TD)                             | 10/2001    |         | OP09-166     |  | 1001.A7    |
| 1.6 HDi                   | 9HX (DV6ATED4), 9HY (DV6TED4), 9HZ (DV6TED4)         | 02/2004    |         | OP09-166     |  | 1001.A7    |
| 2.0, 2.0 16V              | RFK (EW10J4S), RFN (EW10J4), RFJ (EW10A)             | 03/2002    |         | OP09-130     |  | 1001.C7    |
| 308 I - SW - CC           |  |            |         |              |  |            |
| 1.6 HDi                   | 9HR (DV6C), 9HP (DV6DTED)                            | 09/2007    |         | OP09-166     |  | 1001.A7    |
| 1.6 HDi                   | 9HR (DV6C), 9HP (DV6DTED)                            | Eng. 12747 |         | OP09-165     | EURO 5/6   | 1001.G8    |
| 2.0 Bioflex, 2.0 CVVT     | RFJ (EW10A)  | 01/2008    | 01/2012 | OP09-130     |  | 1001.C7    |
| 406 - Break               |  |            |         |              |  |            |
| 2.0 16V, 2.0 16V Hpi      | RFN (EW10J4), RFR (DEW10J4), RLZ (EW10D)             | 01/1999    | 06/2004 | OP09-130     |  | 1001.C7    |
| 407 - SW                  |  |            |         |              |  |            |
| 1.6 Hdi                   | 9HZ (DV6TED4)  | 05/2004    |         | OP09-166     |  | 1001.A7    |
| 2.0, 2.0 16V, 2.0 Bioflex | RFN (EW10J4), RFJ (EW10A)                            | 05/2004    |         | OP09-130     |  | 1001.C7    |
| 2.7 HDi                   | UHZ (DT17)   | 10/2005    |         | OP09-146     |  | 1001.E6    |
| 3.0 Hdi                   | DT20C  | 06/2009    |         | OP09-146     |  | 1001.E6    |
| 309 I                     |  |            |         |              |  |            |
| 1.4                       | K1D (TU3A)   | 03/1989    | 07/1989 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4                       | KDY (TU3M), KDZ (TU3M)                               | 03/1989    | 07/1989 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 309 II                    |  |            |         |              |  |            |
| 1.4                       | HDZ (TU1M), K1D (TU3A), KDY (TU3M), KDZ (TU3M)       | 08/1990    | 12/1993 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4                       | KDY (TU3M), KDZ (TU3M)                               | 10/1992    | 12/1993 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.8 Diesel                | 161A (XUD7)  | 07/1989    | 12/1993 | OP09-167     |  | 1001.56    |
| 1.9 D                     | 162 (XUD9)   | 07/1989    | 12/1993 | OP09-167     |  | 1001.56    |
| 405 II - 405 II Break     |  |            |         |              |  |            |
| 1.4                       | KDX (TU3MC)  | 10/1992    | 12/1993 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |



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| < PEUGEOT            |   |              |         |              |                            |            |
| 1.6                  | BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M), BFZ (XU5JP), LFZ (XU7JP)  | 08/1992      | 10/1995 | OP09-167     |                            | 1001 56    |
| 1.9 D                | DJY (XUD9A), DJZ (XUD9Y)  | 06/1994      | 10/1995 | OP09-167     |                            | 1001 56    |
| 508 - SW             |   |              |         |              |                            |            |
| 1.6 HDi              | 9HD (DV6CTED), 9HR (DV6C)   | 11/2010      |         | OP09-166     |                            | 1001 A7    |
| 1.6 HDi              | BHX (DV6FC), 9HL (DV6C), BHZ (DV6FC), 9HR (DV6C)                  | ENG. 14419   |         | OP09-165     | EURO 5/6                   | 1001.G8    |
| 607 (9D, 9U)         |   |              |         |              |                            |            |
| 2.0                  | →TRFN (EW10J4)  | 02/2000      | 08/2005 | OP09-130     |                            | 1001.C7    |
| 806                  |   |              |         |              |                            |            |
| 2.0 16V              | RFN (EW10J4)  | 09/2000      | 08/2002 | OP09-130     |                            | 1001.C7    |
| 2.0 HDI 16V          | RHW (DW10ATED4),  | 08/1999      | 08/2002 | OP09-133     |                            | 1001 92    |
| 807 (E)              |   |              |         |              |                            |            |
| 2.0, 2.0 16V         | RFN (EW10J4), RFJ (EW10A)   | 06/2002      |         | OP09-130     |                            | 1001.C7    |
| 1007                 |   |              |         |              |                            |            |
| 1.4 16V              | KFU (ET3J4)   | 12/2005      | 12/2007 | OP09-134     | Nr. Denti - Teeth Nr. = 29 | 1001.50    |
| 1.4 16V              | KFU (ET3J4)   | 10/2005      |         | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| 1.4 HDI              | 8HX (DV4TD), 8HZ (DV4TD)  | 04/2005      |         | OP09-166     |                            | 1001 A7    |
| 1.6 16V              | NFU (TU5JP4)  | 04/2005      |         | OP09-135     |                            | 1001 87    |
| 1.6 HDi              | 9HZ (DV6TED4)   | 06/2007      |         | OP09-166     |                            | 1001 A7    |
| 2008                 |   |              |         |              |                            |            |
| 1.4 HDi              | 8HR (DV4C)  | 06/2013      |         | OP09-166     |                            | 1001 A7    |
| 1.4 HDi              | 8HR (DV4C)  | ENG. 1323488 |         | OP09-165     | EURO 5/6                   | 1001.G8    |
| 1.6 Hdi              | 9HP (DV6DTEd), 9HD (DV6CTED)                                      | 06/2013      |         | OP09-166     |                            | 1001 A7    |
| 1.6 Hdi, 1.6 BlueHdi | 9HP (DV6DTEd), BHW (DV6FE), BHY (DV6FD), BHZ (DV6FC), BHZ (DV6FC) | ENG. 1323488 |         | OP09-165     | EURO 5/6                   | 1001.G8    |
| 3008                 |   |              |         |              |                            |            |
| 1.6 HDi              | 9HR (DV6C), 9HZ (DV6TED4)   | 06/2009      | 08/2013 | OP09-166     |                            | 1001 A7    |
| 1.6 HDi              | BHX (DV6FC), 9HR (DV6C), BHZ (DV6FC)                              | 05/2014      |         | OP09-165     | EURO 5/6                   | 1001.G8    |
| 4008                 |   |              |         |              |                            |            |
| 1.6 HDi AWC          | 9HD (DV6C)  | 05/2012      |         | OP09-165     | EURO 5/6                   | 1001.G8    |
| 5008                 |   |              |         |              |                            |            |
| 1.6 HDi              | 9HR (DV6C), 9HZ (DV6TED4)   | 09/2009      |         | OP09-166     |                            | 1001 A7    |
| 1.6 HDi              | 9HR (DV6C), BHZ (DV6FC), BHX (DV6FC)                              | ENG. 14419   |         | OP09-165     | EURO 5/6                   | 1001.G8    |
| BIPPER (AA_)         |   |              |         |              |                            |            |
| 1.3 HDi 75           | FHZ (F13DTE5)   | 10/2010      |         | OP09-119     |                            | 1606466880 |
| 1.4                  | KFV (TU3A)  | 04/2008      |         | OP09-122     | Nr. Denti - Teeth Nr. = 21 | 1001.C9    |
| PEUGEOT COMMERCIALI  |   |              |         |              |                            |            |
| BOXER (223)          |   |              |         |              |                            |            |
| 1.9 D                | D9B (XUD9AU)  | 03/1994      | 04/2002 | OP09-167     |                            | 1001 56    |
| BOXER (230)          |   |              |         |              |                            |            |
| 1.9 D                | D9B (XUD9AU)  | 03/1994      | 04/2002 | OP09-167     |                            | 1001 56    |

| MAKE TYPE                                      | ENGINE TYPE  | DATE       |         | FRECCIA REF. | NOTE   | O. E. REF. |
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|  |  | from       | to      |              |  |            |
| < PEUGEOT COMMERCIALI                          |  |            |         |              |  |            |
| 2.5 D, 2.5 D 4x4, 2.5 TD, 2.5 Tdi, 2.5 Tdi 4x4 | T9A (DJ5), T8A (DJ57), THX (DJ5TED)  | 03/1994    | 04/2002 | OP09-116     |  | 1001.84    |
| BOXER (Mod. 2006)                              |  |            |         |              |  |            |
| 2.2 Hdi  | 4HV (P22DTE), 4HU (P22DTE)   | 04/2006    |         | OP09-117     |  | 101.E9     |
| 2.2 Hdi  | 4HG (P22DTE), 4HH (P22DTE), 4HJ (P22DTE)                                     | 07/2011    |         | OP09-118     |  | 9677428680 |
| EXPERT (222_223)                               |  |            |         |              |  |            |
| 1.9 D  | →TWJZ (DW8)  | 12/1998    | 12/2006 | OP09-145     |  | 1001 91    |
| 2.0  | RFN (EW10J4)   | 07/2000    |         | OP09-130     |  | 1001.C7    |
| 2.0 HDI 16V                                    | RHW (DW10ATED4),   | 07/2000    | 12/2006 | OP09-133     |  | 1001 92    |
| EXPERT (VF3A_, VF3U_, VF3X_)                   |  |            |         |              |  |            |
| 1.6 HDi 90 16V                                 | 9HU (DV6UTED4)   | 01/2007    |         | OP09-166     |  | 1001 A7    |
| 1.6 HDi, 1.6 BlueHdi                           | 9HH (DV6DUM), 9HM (DV6UC), 9HV (DV6FDU)                                      | ENG. 12747 |         | OP09-165     | EURO 5/6   | 1001.G8    |
| 2.0 16V  | RFJ (EW10A)  | 01/2007    |         | OP09-130     |  | 1001.C7    |
| PARTNER (Mod. 2010)                            |  |            |         |              |  |            |
| 1.6 Hdi  | 9HU (DV6UTED4), 9HX (DV6ATED4), 9HP (DV6DTE), 9HS (DV6TED4BU), 9HZ (DV6TED4) | 04/2008    |         | OP09-166     |  | 1001 A7    |
| 1.6 HDi, 1.6 BlueHdi                           | BHW (DV6FE), BHY (DV6FD), 9HL (DV6C), BHZ (DV6FC), 9HN (DV6ETED)             | ENG. 12747 |         | OP09-165     | EURO 5/6   | 1001.G8    |
| RANCH (5F)                                     |  |            |         |              |  |            |
| 1.1  | HDZ (TU1M)   | 06/1999    | 09/2005 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4  | KFX (TU3JP), TU32  | 10/2002    | 10/2008 | OP09-134     | Nr. Denti - Teeth Nr. = 29                               | 1001.50    |
| 1.4  | HDZ (TU1M), HFX (TU1JP), KFX (TU3JP), TU32                                   | 06/1996    | 12/2015 | OP09-122     | Nr. Denti - Teeth Nr. = 21                               | 1001.C9    |
| 1.4, 1.4 Bifuel                                | KFW (TU3A), KFW (TU3JP), KFX (TU3JP)   | 06/1996    | 12/2015 | OP09-180     | Controllare il riferimento OE<br>Please see OE reference | 100169     |
| 1.6 16V  | NFU (TU5JP4)   | 07/2001    | 03/2008 | OP09-135     |  | 1001 87    |
| 1.9 D  | A9A (XUD7), DJY (XUD9A), D9B (XUD9AU)  | 02/1996    | 12/1998 | OP09-167     |  | 1001 56    |
| 1.9 D  | WJY (DW8B), WJZ (DW8)  | 06/1996    | 12/2015 | OP09-145     |  | 1001 91    |

## RENAULT

|                |   |         |             |          |  |                         |
|----------------|---|---------|-------------|----------|--|-------------------------|
| CLIO I         |   |         |             |          |  |                         |
| 1.2            | D7F 730   | 01/1996 | 09/1998     | OP09-142 |  | 7700864571              |
| 1.4            | E7J 756, E7J 757  | 01/1991 | 09/1998     | OP09-193 |  | 7701669300              |
| 1.9 D          | F8Q 730, F8Q 732  | 03/1991 | 05/1998     | OP09-104 |  | 7701669290 - 7701693577 |
| CLIO II        |   |         |             |          |  |                         |
| 1.2, 1.2 LPG   | D7F 710, D7F 720, D7F 722, D7F 726, D7F 746, D7F 764, D7F 766 | 09/1998 | eng. 000409 | OP09-142 |  | 7700864571              |
| 1.2 16V        | D4F 706, D4F 712, D4F 714, D4F 722, D4F 728                   | 06/2001 |             | OP09-194 |  | 8200150042              |
| 1.4            | E7J 634, E7J 780, K7J 700                                     | 09/1998 | 02/2002     | OP09-193 |  | 7701669300              |
| 1.4 16V        | K4J 710, K4J 711, K4J 712, K4J 713                            | 10/1999 | 06/2001     | OP09-169 |  | 7701693576              |
| 1.4 16V        | K4J 710, K4J 711, K4J 712, K4J 713                            | 06/2001 |             | OP09-123 |  | 8200101970              |
| 1.5 dCi        | K9K 700, K9K 702, K9K 704, K9K 712                            | 06/2001 | 03/2004     | OP09-123 |  | 8200101970              |
| 1.6            | K7M 744, K7M 745, K7M 746                                     | 09/1998 | 05/2005     | OP09-193 |  | 7701669300              |
| 1.6 16V        | K4M 708, K4M 740, K4M 742, K4M 743, K4M 744, K4M 745, K4M 748 | 09/1998 |             | OP09-123 |  | 8200101970              |
| 1.9 D, 1.9 dTi | F8Q 630, F8Q 632, F9Q 780                                     | 09/1998 | 05/2005     | OP09-104 |  | 7701669290 - 7701693577 |

| MAKE TYPE                     | ENGINE TYPE  | DATE        |             | FRECCIA REF. | NOTE | O. E. REF.              |
|-------------------------------|--|-------------|-------------|--------------|------|-------------------------|
|                               |  | from        | to          |              |      |                         |
| < RENAULT                     |  |             |             |              |      |                         |
| 1.9 dTi                       | F9Q 780  | 12/2000     | 05/2005     | OP09-181     |      | 8200199281              |
| 2.0 16V Sport                 | F4R 730, F4R 736, F4R 738  | 02/2000     | 12/2005     | OP09-104     |      | 7701669290 - 7701693577 |
| CLIO III - Grandtour          |  |             |             |              |      |                         |
| 1.2 16V                       | D4F 740, D4F 706, D4F 742  | 06/2005     |             | OP09-194     |      | 8200150042              |
| 1.4 16V                       | K4J 780  | 06/2005     |             | OP09-123     |      | 8200101970              |
| 1.6 16V                       | K4M 800, K4M 801   | 06/2005     |             | OP09-123     |      | 8200101970              |
| CLIO IV - Grandtour           |  |             |             |              |      |                         |
| 1.2 16V                       | D4F 728, D4F 740   | 11/2012     |             | OP09-194     |      | 8200150042              |
| 1.5 dCi 75,1.5 dCi 90         | K9K 612, K9K 608, K9K 628,   | 11/2012     |             | OP09-137     |      | 150108334R              |
| ESPACE III                    |  |             |             |              |      |                         |
| 1.9 dTi                       | F9Q 722  | 02/1999     | 12/2000     | OP09-104     |      | 7701669290 - 7701693577 |
| 1.9 dTi                       | F9Q 722  | 12/2000     | 10/2002     | OP09-181     |      | 8200199281              |
| 2.0                           | F3R 728, F3R 729, F3R 742, F3R 768, F3R 769                            | 11/1996     | 10/2000     | OP09-104     |      | 7701669290 - 7701693577 |
| ESPACE IV                     |  |             |             |              |      |                         |
| 1.9 dCi                       | F9Q 680, F9Q 820, F9Q 826  | 11/2002     | 08/2007     | OP09-104     |      | 7701669290 - 7701693577 |
| 2.0, 2.0 Turbo                | F4R 792, F4R 794, F4R 795, F4R 796, F4R 797                            | 11/2002     |             | OP09-104     |      | 7701669290 - 7701693577 |
| 2.0 dCi                       | M9R 740, M9R 750, M9R 760, M9R 761, M9R 762, M9R 763                   | 01/2006     |             | OP09-155     |      | 150001563R              |
| KANGOO (KC0/1_)               |  |             |             |              |      |                         |
| 1.2                           | D7F 710, D7F 720, D7F 722, D7F 726, D7F 744, D7F 746                   | 08/1997     | eng. 000409 | OP09-142     |      | 7700864571              |
| 1.2 16V                       | D4F 712, D4F 714, D4F 716, D4F 730                                     | 06/2001     |             | OP09-194     |      | 8200150042              |
| 1.4                           | E7J 634, E7J 635, E7J 780, K7J 700, K7J 701                            | 08/1997     | 02/2002     | OP09-193     |      | 7701669300              |
| 1.5 dCi                       | K9K 700, K9K 704, K9K 702, K9K 710                                     | 12/2001     | 02/2006     | OP09-123     |      | 8200101970              |
| 1.5 dCi                       | K9K 700, K9K 704, K9K 702, K9K 710, K9K 714, K9K 716, K9K 718, K9K 636 | 03/2006     |             | OP09-137     |      | 150108334R              |
| 1.6 16V, 1.6 16V 4x4          | K4M 706, K4M 750, K4M 752, K4M 753                                     | 06/2001     |             | OP09-123     |      | 8200101970              |
| 1.9 D, 1.9 dTi                | F8Q 630, F8Q 632, F8Q 662, F9Q 780                                     | 08/1997     |             | OP09-104     |      | 7701669290 - 7701693577 |
| 1.9 dTi, 1.9 dCi, 1.9 dCi 4x4 | F9Q 780, F9Q 790   | 12/2000     |             | OP09-181     |      | 8200199281              |
| KOLEOS                        |  |             |             |              |      |                         |
| 2.0 dCi, 2.0 dCi 4x4          | M9R 830, M9R 832, M9R 855, M9R 856, M9R 862, M9R 865, M9R 866          | 09/2008     |             | OP09-155     |      | 150001563R              |
| 2.0 dCi, 2.0 dCi 4x4          | M9R 855, M9R 856, M9R 862, M9R 865, M9R 866                            | ENG. 120305 |             | OP09-168     |      | 150004492R              |
| LAGUNA I - Grandtour          |  |             |             |              |      |                         |
| 1.6 16V                       | →K4M 720   | 10/1997     | 03/2001     | OP09-169     |      | 7701693576              |
| 1.9 dCi                       | F9Q 718  | 09/1999     | 12/2000     | OP09-104     |      | 7701669290 - 7701693577 |
| 1.9 dCi                       | F9Q 718  | 12/2000     | 03/2001     | OP09-181     |      | 8200199281              |
| 1.9 dTi                       | F9Q 780, F9Q 710, F9Q 716, F9Q 717                                     | 10/1997     | 03/2001     | OP09-104     |      | 7701669290 - 7701693577 |
| LAGUNA II - Grandtour         |  |             |             |              |      |                         |
| 1.6 16V                       | K4M 710  | 03/2001     | 05/2005     | OP09-169     |      | 7701693576              |
| 1.6 16V                       | K4M 710, K4M 714   | 03/2001     | 05/2005     | OP09-123     |      | 8200101970              |
| 2.0 16V                       | F4R 712, F4R 713, F4R 714, F4R 715, F4R 764, F4R 765, F4R 787          | 08/2002     | 12/2007     | OP09-104     |      | 7701669290 - 7701693577 |
| 1.9 dCi                       | F9Q 754, F9Q 650, F9Q 670, F9Q 674, F9Q 750                            | 03/2001     | 09/2007     | OP09-181     |      | 8200199281              |

| MAKE TYPE                                      | ENGINE TYPE  | DATE        |         | FRECCIA REF. | NOTE | O. E. REF.              |
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|  |  | from        | to      |              |      |                         |
| < RENAULT                                      |  |             |         |              |      |                         |
| 2.0 dCi  | M9R 740, M9R 760   | 08/2005     | 08/2006 | OP09-155     |      | 150001563R              |
| LAGUNA III - Coupé - Grandtour                 |  |             |         |              |      |                         |
| 2.0 dCi  | M9R 742, M9R 744, M9R 800, M9R 802, M9R 805, M9R 809, M9R 814, M9R 815, M9R 816          | 10/2007     |         | OP09-155     |      | 150001563R              |
| 2.0 dCi  | M9R 816, M9R 820, M9R 828  | ENG. 120305 |         | OP09-168     |      | 150004492R              |
| MEGANE I - Classic - Cabriolet- Grandtour      |  |             |         |              |      |                         |
| 1.4  | E7J 626, E7J 764   | 01/1996     | 08/2003 | OP09-193     |      | 7701669300              |
| 1.4 16V  | K4J 714, K4J 750   | 03/1999     | 06/2001 | OP09-169     |      | 7701693576              |
| 1.4 16V  | K4J 714, K4J 750   | 06/2001     | 08/2003 | OP09-123     |      | 8200101970              |
| 1.6 i, 1.6 e                                   | K7M 720, K7M 702, K7M 703, K7M 790   | 01/1996     | 03/1999 | OP09-193     |      | 7701669300              |
| 1.6 16V  | K4M 700, K4M 701, K4M 706, K4M 708, K4M 709  | 03/1999     | 08/2002 | OP09-123     |      | 8200101970              |
| 1.9 dTi, 1.9 dTi , 1.9 TDi, 1.9 dCi            | F8Q 784, F8Q 786, F8Q 620, F8Q 622, F8Q 624, F9Q 732, F9Q 733, F9Q 738, F9Q 731, F9Q 736 | 01/1996     | 08/2003 | OP09-104     |      | 7701669290 - 7701693577 |
| 1.9 dTi,1.9 dCi                                | →F9Q 744, F9Q 731, F9Q 734, F9Q 736,   | 12/2000     | 08/2003 | OP09-181     |      | 8200199281              |
| 2.0 16 V                                       | F7R 710, F7R 714   | 10/1996     | 11/1999 | OP09-104     |      | 7701669290 - 7701693577 |
| MEGANE I Coach                                 |  |             |         |              |      |                         |
| 1.4 16V  | K4J 700, K4J 714, K4J 750  | 03/1999     | 08/2003 | OP09-123     |      | 8200101970              |
| 1.6 16V  | K4M 700, K4M 701, K4M 708, K4M 709   | 03/1999     | 07/2003 | OP09-123     |      | 8200101970              |
| 1.9 dTi  | F9Q 731, F9Q 734, F9Q 736  | 03/1997     | 02/2001 | OP09-104     |      | 7701669290 - 7701693577 |
| 1.9 dCi  | F9Q 732, F9Q 733   | 02/2001     | 08/2003 | OP09-181     |      | 8200199281              |
| MEGANE II - Station wagon                      |  |             |         |              |      |                         |
| 1.4, 1.4 16V                                   | K4J 730, K4J 732, K4J 740,   | 11/2002     | 02/2008 | OP09-123     |      | 8200101970              |
| 1.5 dCi  | K9K 722, K9K 728, K9K 729  | 10/2003     | 02/2006 | OP09-123     |      | 8200101970              |
| 1.5 dCi  | K9K 722, K9K 724, K9K 728, K9K 729,K9K 732, K9K 734                                      | 02/2006     |         | OP09-137     |      | 150108334R              |
| 1.6 16V  | K4M 760, K4M 812, K4M 813  | 11/2002     | 02/2008 | OP09-123     |      | 8200101970              |
| 1.9 dCi  | F9Q 808, F9Q 800   | 11/2002     | 08/2007 | OP09-181     |      | 8200199281              |
| 2.0, 2.0 16V, 2.0 16V Turbo, 2.0 Renault Sport | F4R 770, F4R 770, F4R 771, F4R 774, F4Rt 774, F4R 776                                    | 11/2002     |         | OP09-104     |      | 7701669290 - 7701693577 |
| 2.0 dCi  | M9R 700, M9R 722, M9R 724  | 09/2005     | 07/2009 | OP09-155     |      | 150001563R              |
| MEGANE II Coupé-Cabriolet                      |  |             |         |              |      |                         |
| 1.5 dCi  | K9K 732, K9K 734   | 05/2005     | 01/2009 | OP09-137     |      | 150108334R              |
| 1.6, 1.6 16V                                   | K4M 760, K4M 761, K4M 812, K4M 813   | 09/2003     | 03/2009 | OP09-123     |      | 8200101970              |
| 1.9 dCi  | F9Q 800  | 11/2002     | 08/2007 | OP09-181     |      | 8200199281              |
| 2.0 dCi  | M9R 700, M9R 722   | 09/2005     | 03/2009 | OP09-155     |      | 150001563R              |
| MEGANE III - Coupé - Grandtour                 |  |             |         |              |      |                         |
| 1.5 dCi  | K9K 636,K9K 832, K9K 836, K9K 837, K9K 846   | 12/2009     |         | OP09-137     |      | 150108334R              |
| 2.0 dCi  | M9R 610, M9R 615   | 04/2009     |         | OP09-155     |      | 150001563R              |
| 2.0 dCi  | M9R 615, M9R 615   | ENG. 120704 |         | OP09-168     |      | 150004492R              |
| MODUS / GRAND MODUS                            |  |             |         |              |      |                         |
| 1.2, 1.2 16V                                   | D4F 740  | 05/2005     |         | OP09-194     |      | 8200150042              |
| 1.2, 1.2 16V                                   | D4F 764, D4F 784, D4F 786  | 04/2011     |         | OP09-142     |      | 7700864571              |
| 1.4  | K4J 770, K4J 780   | 12/2004     |         | OP09-123     |      | 8200101970              |

| MAKE TYPE                     | ENGINE TYPE  | DATE        |             | FRECCIA REF. | NOTE | O. E. REF.              |
|-------------------------------|--|-------------|-------------|--------------|------|-------------------------|
|                               |  | from        | to          |              |      |                         |
| < RENAULT                     |  |             |             |              |      |                         |
| 1.5 dCi                       | K9K 750  | 09/2004     |             | OP09-123     |      | 8200101970              |
| 1.6                           | K4M 790, K4M 791, K4M 794, K4M 800, K4M 801          | 12/2004     |             | OP09-123     |      | 8200101970              |
| SCÉNIC I                      |  |             |             |              |      |                         |
| 1.4 16V                       | K4J 714, K4J 750                                     | 09/1999     | 06/2001     | OP09-169     |      | 7701693576              |
| 1.4 16V                       | K4J 714, K4J 750                                     | 06/2001     | 08/2003     | OP09-123     |      | 8200101970              |
| 1.9 dCi                       | F9Q 740  | 12/2000     | 08/2003     | OP09-181     |      | 8200199281              |
| 1.9 dCi, 1.9 dCi RX4, 1.9 dTi | F9Q 731, F9Q 734, F9Q 736, F9Q 732, F9Q 733, F9Q 740 | 09/1999     | 08/2003     | OP09-104     |      | 7701669290 - 7701693577 |
| SCÉNIC II - GRAND SCÉNIC II   |  |             |             |              |      |                         |
| 1.4                           | K4J 730, K4J 740                                     | 06/2003     |             | OP09-123     |      | 8200101970              |
| 1.5 dCi                       | K9K 722, K9K 728, K9K 729                            | 11/2003     |             | OP09-123     |      | 8200101970              |
| 1.6                           | K4M 761, K4M 782                                     | 06/2003     |             | OP09-123     |      | 8200101970              |
| 1.9 dCi                       | F9Q 812  | 06/2003     | 08/2007     | OP09-181     |      | 8200199281              |
| 2.0                           | F4R 770, F4R 771                                     | 06/2003     | 12/2009     | OP09-104     |      | 7701669290 - 7701693577 |
| 2.0 dCi                       | M9R 610, M9R 615                                     | 02/2009     |             | OP09-155     |      | 150001563R              |
| SCÉNIC III - GRAND SCÉNIC III |  |             |             |              |      |                         |
| 2.0 dCi                       | M9R 610, M9R 615                                     | 02/2009     |             | OP09-155     |      | 150001563R              |
| 2.0 dCi                       | M9R 610, M9R 615                                     | ENG. 120704 |             | OP09-168     |      | 150004492R              |
| TWINGO I                      |  |             |             |              |      |                         |
| 1.2, 1.2 16V, 1.2 LPG         | D7F 700, D7F 701, D7F 703, D7F 704                   | 05/1996     | eng. 000409 | OP09-142     |      | 7700864571              |
| 1.2 16V                       | D7F 702, D4F 708                                     | 01/2001     | 06/2007     | OP09-194     |      | 8200150042              |
| TWINGO II                     |  |             |             |              |      |                         |
| 1.2, 1.2 16V                  | D4F 764, D4F 770, D4F 772, D7F 800                   | 03/2007     |             | OP09-142     |      | 7700864571              |
| 1.2 16V                       | D4F 772  | 03/2007     |             | OP09-194     |      | 8200150042              |
| VEL SATIS                     |  |             |             |              |      |                         |
| 2.0 dCi                       | M9R 760, M9R 762, M9R 763                            | 08/2005     |             | OP09-155     |      | 150001563R              |
| WIND                          |  |             |             |              |      |                         |
| 1.2, 1.2 TCe 100              | D4F 780, D4F 782                                     | 07/2010     |             | OP09-142     |      | 7700864571              |

**RENAULT COMMERCIALI**

|                   |  |         |             |          |  |                         |
|-------------------|--|---------|-------------|----------|--|-------------------------|
| <b>RAPID</b>      |  |         |             |          |  |                         |
| 1.9 D             | F8Q 640, F8Q 682   | 09/1994 | 03/1998     | OP09-104 |  | 7701669290 - 7701693577 |
| <b>MASTER II</b>  |  |         |             |          |  |                         |
| 1.9 Dti           | F9Q 770  | 12/2000 |             | OP09-181 |  | 8200199281              |
| 2.5 dCi           | G9U 632, G9U 650, G9U 720, G9U 750, G9U 754                            | 10/2003 |             | OP09-131 |  | 4401472 - 4432962       |
| <b>MASTER III</b> |  |         |             |          |  |                         |
| 2.3 dCi [FWD]     | M9T 670, M9T 672, M9T 676, M9T 698, M9T 870, M9T 890, M9T 896          | 02/2010 | Eng. 140922 | OP09-157 |  | 150002040R              |
| 2.3 dCi [RWD]     | M9T 686, M9T 690, M9T 692, M9T 696, M9T 698, M9T 870, M9T 890, M9T 896 | 02/2010 | Eng. 140922 | OP09-157 |  | 150002040R              |
| <b>TRAFIC II</b>  |  |         |             |          |  |                         |
| 1.9 Dci           | F9Q 760  | 03/2001 |             | OP09-104 |  | 7701669290 - 7701693577 |
| 1.9 Dci 80, 100   | F9Q 760, F9Q 762   | 03/2001 |             | OP09-181 |  | 8200199281              |

| MAKE TYPE             | ENGINE TYPE               | DATE    |    | FRECCIA REF. | NOTE | O. E. REF.        |
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| 2.0 dCi 90, 115       | G9U 720, G9U 750, G9U 754 | 08/2006 |    | OP09-155     |      | 150001563R        |
| 2.0 dCi 115           | M9R 692                   | 08/2006 |    | OP09-168     |      | 150004492R        |
| 2.5 dCi               | G9U 720, G9U 750, G9U 754 | 10/2003 |    | OP09-131     |      | 4401472 - 4432962 |

|   |  |         |         |          |  |                               |
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| SEAT  |  |         |         |          |  |                               |
| ALHAMBRA I                                  |  |         |         |          |  |                               |
| 1.8 T 20 V                                  | AJH, AWC                               | 05/1998 | 08/2002 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.9 TDI                                     | 1Z, AFN                                | 04/1996 | 03/2010 | OP09-105 |  | 028115105G                    |
| 1.9 TDI                                     | ANU, AUY, BVK, ASZ                     | 06/1996 | 11/2005 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.9 TDI                                     | ASZ, BTB                               | 11/2005 | 05/2007 | OP09-173 |  | 038115105D                    |
| 2.0 i                                       | ADY, ATM                               | 04/1996 | 03/2010 | OP09-111 |  | 06A115105 - 6A115105B         |
| 2.8 V6                                      | AUE, AYL                               | 06/2000 | 03/2010 | OP09-176 |  | 21115103                      |
| ALHAMBRA II                                 |  |         |         |          |  |                               |
| 1.4 TFSI                                    | CAVA, CNWB, CTHA                       | 06/2010 |         | OP09-129 |  | 03C115105AC - 03C115105AD     |
| 2.0 TDI                                     | CFFE, CUVA, CFFA, CFFB, CFGB, CFGC     | 06/2010 |         | OP09-174 |  | 03L115105D                    |
| ALTEA - XL                                  |  |         |         |          |  |                               |
| 1.4 TSI                                     | CAXC                                   | 11/2007 |         | OP09-129 |  | 03C115105AC - 03C115105AD     |
| 1.4 16V                                     | BXW, CGGB                              | 05/2006 |         | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.6   | BGU, BSE, BSF, CCSA, CMXA              | 03/2004 |         | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.6, 1.6 TDI 16 V                           | CAYB, CAYC,                            | 10/2009 |         | OP09-112 |  | 03L115105B                    |
| 1.8 TSI, 1.8 TFSI                           | BYT, BZB, CDAA                         | 01/2007 |         | OP09-109 |  | 06J115105AB - 06J115105T      |
| 1.9 TDI                                     | BOX, BJB, BKC, BLS, BXE                | 04/2004 |         | OP09-110 |  | 038115105C                    |
| 2.0 TDI                                     | AZV, BKD                               | 03/2004 | 05/2009 | OP09-141 |  | 03G115105                     |
| 2.0 TDI, 2.0 TDI 4x4                        | BMM                                    | 06/2007 |         | OP09-110 |  | 038115105C                    |
| 2.0 TDI 16 V, 2.0 TDI 4x4, 2.0 TDI 16 V 4x4 | BKD, CFHC, BMN, CEGA, CFJA             | 06/2007 |         | OP09-112 |  | 03L115105B                    |
| AROSA                                       |  |         |         |          |  |                               |
| 1.0   | AER, ALD, ALL, ANV, AUC                | 05/1997 | 06/2004 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.4, 1.4 16V                                | AER, ALD, ALL, ANV, AUC, AFK, AQQ, AUB | 05/1997 | 06/2004 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                                     | AMF                                    | 01/2000 | 06/2004 | OP09-138 |  | 045115104C                    |
| 1.7 SDI                                     | AKU                                    | 08/1997 | 06/2004 | OP09-126 |  | 028 115 105D                  |
| CORDOBA (6K1, 6K2)                          |  |         |         |          |  |                               |
| 1.0 i                                       | AER, ALD, ANV, AUC                     | 02/1996 | 10/2002 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.4 i, 1.4 16V                              | AFK, AQQ, AUB                          | 09/1996 | 10/2002 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.6 i                                       | ABU, AEE, ALM                          | 02/1993 | 10/2002 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.6 i                                       | 1F, AEH, AFT, AKL, APF, AUR            | 05/1994 | 10/2002 | OP09-108 |  | 27115105E - 49115105A         |
| 1.8 i                                       | ABS, ACC, ADZ                          | 02/1993 | 10/2002 | OP09-108 |  | 27115105E - 49115105A         |
| 1.9 D, 1.9 SDI, 1.9 TD, 1.9 TDI             | 1Y, AEY, AAZ, 1Z                       | 02/1993 | 10/2002 | OP09-105 |  | 028115105G                    |
| CORDOBA (6K5)                               |  |         |         |          |  |                               |
| 1.4 i, 1.4 16V                              | AEX, AKK, AKV, ANW, APQ, AUD           | 06/1997 | 12/2002 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.6 i                                       | 1F, AEH, AFT, AKL, APF, AUR            | 09/1996 | 12/2002 | OP09-108 |  | 27115105E - 49115105A         |

| MAKE TYPE                       | ENGINE TYPE  | DATE              |         | FRECCIA REF. | NOTE | O. E. REF.                    |
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| < SEAT                          |  |                   |         |              |      |                               |
| 1.8 i                           | ACC  | 07/1996           | 06/1999 | OP09-108     |      | 27115105E - 49115105A         |
| 1.9 SDI, 1.9 TDI                | 1Z, AGR, AHU, ALH, AEY                                     | 07/1997           | 10/2002 | OP09-105     |      | 028115105G                    |
| CORDOBA (SL2)                   |  |                   |         |              |      |                               |
| 1.2, 1.2 12V                    | AZQ, BME, BXV  | 09/2002           | 11/2009 | OP09-140     |      | 03D115105F                    |
| 1.4 i, 1.4 16V, 1.4 i 16V       | BXW, AUB, BBZ, AMF   | 09/2002           | 11/2009 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                         | AMF, BMS, BNV, BNM   | 09/2002           | 11/2009 | OP09-138     |      | 045115104C                    |
| 1.9 TDI                         | ATD, AXR, BMT  | 09/2002           | 11/2009 | OP09-110     |      | 038115105C                    |
| EXEO (3R2) - ST (3R5)           |  |                   |         |              |      |                               |
| 2.0 TDI                         | CJCA, CGLB, CJCC   | 02/2009           |         | OP09-174     |      | 03L115105D                    |
| IBIZA II                        |  |                   |         |              |      |                               |
| 1.0 i                           | AER, ALD, ANV, AUC   | 12/1996           | 01/1998 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 i, 1.4 16V, 1.4 i 16V       | ABD, AEX, AKK, AKV, ANW, APQ, AUD, APE, AUA, AFH, AQQ, AUB | 03/1993           | 10/2002 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6 i                           | ABU, AEE, ALM  | 03/1993           | 10/2002 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6 i                           | 1F, AEH, AFT, AKL, APF, AUR                                | 09/1994           | 02/2002 | OP09-108     |      | 27115105E - 49115105A         |
| 1.8 i                           | ABS, ACC, ADZ  | 03/1993           | 08/1999 | OP09-108     |      | 27115105E - 49115105A         |
| 1.9 D, 1.9 SDI, 1.9 TD, 1.9 TDI | 1Y, AEY, AAZ, 1Z, AHU                                      | 03/1993           | 10/2002 | OP09-105     |      | 028115105G                    |
| IBIZA III                       |  |                   |         |              |      |                               |
| 1.2, 1.2 16V                    | BBM, AZQ, BME, BXW   | 02/2002           | 11/2009 | OP09-140     |      | 03D115105F                    |
| 1.4 TDI, 1.4 16V                | BBY, BKY, AUB, BBZ   | 04/2002           | 11/2005 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                         | AMF, BMS, BNV, BNM   | 05/2002           | 12/2009 | OP09-138     |      | 045115104C                    |
| 1.8 Cupra T                     | BBU, BLZ   | Eng. 6L-2-000 001 | 02/2008 | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 TDI                         | ASZ, BLT   | 02/2002           | 11/2009 | OP09-173     |      | 038115105D                    |
| 1.9 TDI                         | ATD, AXR, BMT  | 02/2001           | 11/2009 | OP09-110     |      | 038115105C                    |
| IBIZA IV                        |  |                   |         |              |      |                               |
| 1.2                             | CGPB, BZG, CGPA, CJLB                                      | 07/2008           |         | OP09-140     |      | 03D115105F                    |
| 1.4                             | BXW, CGGB  | 07/2008           |         | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 TSI                         | CAVF, CNUB, CTHF, CTJB, CAVE, CTHE, CTJC                   | 06/2009           |         | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.4 TDI                         | BMS  | 07/2008           | 06/2010 | OP09-138     |      | 045115104C                    |
| 1.6 TDI                         | CAYB, CAYC, CLNA   | 05/2009           |         | OP09-112     |      | 03L115105B                    |
| 1.9 TDI                         | BLS  | 03/2008           | 06/2010 | OP09-110     |      | 038115105C                    |
| 2.0 TDI                         | CFHD   | 01/2010           |         | OP09-112     |      | 03L115105B                    |
| INCA                            |  |                   |         |              |      |                               |
| 1.4 i, 1.4 16V                  | AEX, AKV, APQ, AUD, AUA                                    | 11/1995           | 06/2003 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6 i                           | AEE, ALM   | 06/1997           | 05/1998 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6 i                           | 1F   | 11/1995           | 05/1998 | OP09-108     |      | 27115105E - 49115105A         |
| 1.7 D                           | AHB  | 09/1996           | 06/2003 | OP09-105     |      | 028115105G                    |
| 1.9 D, 1.9 SDI                  | 1Y, AEY, AYQ   | 11/1995           | 06/2003 | OP09-105     |      | 028115105G                    |
| LEON (1M1)                      |  |                   |         |              |      |                               |
| 1.6                             | AEH, AKL, APF, BFQ, BGU                                    | 11/1999           | 06/2006 | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.8 20V, 1.8 Cupra T            | AGN, APG, APP, AUQ, AJQ, ARY, AMK, BAM                     | 02/2002           | 06/2006 | OP09-111     |      | 06A115105 - 6A115105B         |

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| < SEAT                 |                                    |                   |              |              |      |                               |
| 1.9 SDI, 1.9 TDI       | AQM, AGR, ALH, AXR, AHF, ASV       | 11/1999           | 06/2006      | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 TDI                | ASZ, ARL                           | 09/2000           | 06/2006      | OP09-173     |      | 038115105D                    |
| LEON (1P1)             |                                    |                   |              |              |      |                               |
| 1.4 TSI                | CAXC                               | 11/2007           | 12/2012      | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.4 16V                | AHW, APE, AUA, AXP, BCA, BXW, CGGB | 03/2000           | 10/2005      | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6                    | BSE, BSF, CCSA, CMXA               | eng. 1P-6-000 001 | 12/2012      | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.6 TDI                | CAYB, CAYC                         | 02/2010           | 12/2012      | OP09-112     |      | 03L115105B                    |
| 1.6 16 V               | ATN, AUS, AZD, BCB                 | 10/2000           | 01/2002      | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.8 TSI                | BZB, CDAA                          | 06/2007           | 12/2012      | OP09-109     |      | 06J115105AB - 06J115105T      |
| 1.9 TDI                | AXR, BXF, BKC, BLS, BXE            | 10/2005           | 06/2006      | OP09-110     |      | 038115105C                    |
| 2.0 TDI                | AZV, BKD                           | 07/2005           | 05/2010      | OP09-141     |      | 03G115105                     |
| 2.0 TDI                | BMM                                | 10/2005           | 10/2010      | OP09-110     |      | 038115105C                    |
| LEON (5F1) - SC (5F5)  |                                    |                   |              |              |      |                               |
| 1.2 TSI                | CJZB, CYVA, CJZA, CYVB             | 11/2012           | 11/2013      | OP09-177     |      | 04E115105AQ                   |
| TOLEDO I               |                                    |                   |              |              |      |                               |
| 1.6 i                  | 1F, ABN, EZ, AFT                   | 01/1993           | 03/1999      | OP09-108     |      | 27115105E - 49115105A         |
| 1.8 i                  | RP, ABS, ACC, ADZ                  | 05/1991           | 12/1996      | OP09-108     |      | 27115105E - 49115105A         |
| 1.9 D, 1.9 TD, 1.9 TDI | 1Y, AAZ, 1Z, AHU                   | 05/1991           | 03/1999      | OP09-105     |      | 028115105G                    |
| TOLEDO II              |                                    |                   |              |              |      |                               |
| 1.4 16V                | AHW, APE, AUA, AXP, BCA            | 01/2000           | 05/2002      | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6 16V                | AUS, AZD, BCB                      | 06/2000           | 05/2006      | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.8 20V                | AGN, APG, APP, AUQ                 | IM-X-000 001      | IM-X-025 001 | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 TDI                | ARL, ASZ                           | 06/2000           | 05/2006      | OP09-173     |      | 038115105D                    |
| TOLEDO III             |                                    |                   |              |              |      |                               |
| 1.4 TSI                | CAXC                               | 11/2007           | 05/2009      | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6                    | BGU, BSE, BSF, CCSA                | 10/2004           | 05/2009      | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.8 TFSI               | BYT, BZB, CDAA                     | 01/2007           | 05/2009      | OP09-109     |      | 06J115105AB - 06J115105T      |
| 1.9 TDI                | BJB, BKC, BLS, BXE                 | 10/2004           | 05/2009      | OP09-110     |      | 038115105C                    |
| 2.0 TDI                | AZV, BKD, BMN                      | 04/2004           | 05/2009      | OP09-141     |      | 03G115105                     |
| 2.0 TDI                | BMM                                | 11/2005           | 05/2009      | OP09-110     |      | 038115105C                    |
| TOLEDO IV              |                                    |                   |              |              |      |                               |
| 1.2                    | CGPC                               | 07/2012           |              | OP09-140     |      | 03D115105F                    |
| 1.4 TSI                | CAXC                               | 11/2007           | 05/2009      | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6 TDI                | CAYB, CAYC                         | 07/2012           |              | OP09-112     |      | 03L115105B                    |

## SKODA

### FABIA (6Y2) - Combi (6Y5)

|         |                              |         |         |          |  |                               |
|---------|------------------------------|---------|---------|----------|--|-------------------------------|
| 1.2     | AWY, BMD, AZQ, BME           | 07/2001 | 04/2007 | OP09-140 |  | 03D115105F                    |
| 1.4 16V | AUA, BBY, BKY, AUB, BBZ, BUD | 12/1999 | 12/2007 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.4 TDI | BNM, AMF, BNV                | 04/2003 | 03/2008 | OP09-138 |  | 045115104C                    |



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| < SKODA                                |  |                |             |              |      |                               |
| 1.9 SDI, 1.9 TDI RS, 1.9 TDI           | ASY, ATD, AXR                          | 01/2000        | 12/2007     | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 TDI RS                             | ASZ, BLT                               | 06/2003        | 03/2008     | OP09-173     |      | 038115105D                    |
| 2.0                                    | AZL                                    | 01/2000        | 12/2007     | OP09-111     |      | 06A115105 - 6A115105B         |
| FABIA II (542) - Combi (545)           |  |                |             |              |      |                               |
| 1.2, 1.2 12V                           | BBM, CHFA, BZG, CEVA, CGPA, CHTA, CGPB | 01/2007        | 12/2014     | OP09-140     |      | 03D115105F                    |
| 1.4                                    | BXW, CGGB                              | eng. 5J7000 01 | 08/2010     | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 TSI RS                             | CAVE, CTHE                             | 05/2010        | 12/2014     | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.4 TDI                                | BNM, BMS, BNV                          | 04/2003        | 03/2008     | OP09-138     |      | 045115104C                    |
| 1.6 TDI                                | CAYA, CAYB, CAYC                       | 03/2010        | 12/2014     | OP09-112     |      | 03L115105B                    |
| 1.6 FSI                                | BLF                                    | 08/2004        | 10/2008     | OP09-175     |      | 03C115105AB                   |
| 1.9 TDI                                | BLS                                    | 04/2007        | 03/2010     | OP09-110     |      | 038115105C                    |
| 1.9 TDI                                | BSW                                    | 04/2007        | 03/2010     | OP09-111     |      | 06A115105 - 6A115105B         |
| FELICIA I (6U1) - Station wagon (6U5)  |  |                |             |              |      |                               |
| 1.6 LX, 1.6 GLX                        | AEE                                    | 06/1996        | 03/1998     | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| FELICIA II (6U1) - Station wagon (6U5) |  |                |             |              |      |                               |
| 1.6                                    | AEE                                    | 04/1998        | 12/2000     | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| OCTAVIA (1U2) - Combi (1U5)            |  |                |             |              |      |                               |
| 1.4                                    | AMD                                    | 04/1999        | 03/2001     | OP09-125     |      | 032115105G                    |
| 1.4 16V                                | AXP, BCA                               | 08/2000        | 12/2010     | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6                                    | AEE                                    | 09/1996        | ENG 574 655 | OP09-125     |      | 032115105G                    |
| 1.6                                    | AEE                                    | 09/1996        | 09/2004     | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6                                    | AEH, AKL, AVU, BFQ                     | 02/1997        | 12/2010     | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.8, 1.8 T, 1.8 4X4                    | AGN, AGU, ARX, ARZ, AUM                | 09/1996        | 12/2010     | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 SDI, 1.9 TDI                       | AGP, AQM, AGR, ALH, AXR, AHF, ASV      | 09/1996        | 12/2010     | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 TDI                                | AXR                                    | 08/2000        | 12/2010     | OP09-110     |      | 038115105C                    |
| OCTAVIA (1Z3) - Combi (1Z5)            |  |                |             |              |      |                               |
| 1.4 TSI                                | CAXA                                   | 11/2008        | 06/2013     | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.4 16V                                | BCA, BUD, CGGA,                        | 06/2004        | 12/2008     | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6 TDI, 1.6 TDI 4x4                   | CAYC                                   | 06/2009        | 04/2013     | OP09-112     |      | 03L115105B                    |
| 1.8 TSI                                | BZB                                    | 06/2007        | 05/2015     | OP09-109     |      | 06J115105AB - 06J115105T      |
| 1.9 TDI, 1.9 TDI 4x4                   | BJB, BKC, BLS, BXE                     | 09/2004        | 12/2010     | OP09-110     |      | 038115105C                    |
| 1.9 TDI                                | ASZ                                    | 09/2002        | 09/2004     | OP09-173     |      | 038115105D                    |
| 2.0 TDI                                | BMM                                    | 11/2005        | 05/2010     | OP09-110     |      | 038115105C                    |
| 2.0 TDI, 2.0 TDI 16 V, 2.0 TDI 4x4     | CFHF, CLCA, BKD, CFHC, CLCB            | 02/2004        | 04/2013     | OP09-112     |      | 03L115105B                    |
| OCTAVIA (5E3) - Combi (5E5)            |  |                |             |              |      |                               |
| 1.2 TSI                                | CJZB, CJZA, CYVB,                      | 11/2012        | 08/2013     | OP09-177     |      | 04E115105AQ                   |
| RAPID                                  |  |                |             |              |      |                               |
| 1.2                                    | CGPC                                   | 07/2012        |             | OP09-140     |      | 03D115105F                    |
| 1.4 TSI                                | CAXA                                   | 07/2012        |             | OP09-129     |      | 03C115105AC - 03C115105AD     |

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| < SKODA                                |                |                   |         |              |          |                               |
| ROOMSTER                               |                |                   |         |              |          |                               |
| 1.2                                    | BZG, CGPA      | 01/2007           | 05/2015 | OP09-140     |          | 03D115105F                    |
| 1.4                                    | BXW, CGGB      | 09/2006           | 05/2015 | OP09-106     |          | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                                | BNM, BMS, BNV  | 09/2006           | 03/2010 | OP09-138     |          | 045115104C                    |
| 1.9 TDI                                | BSW            | 03/2006           | 03/2010 | OP09-111     |          | 06A115105 - 6A115105B         |
| SUPERB (3U4)                           |                |                   |         |              |          |                               |
| 1.8 T                                  | AWT            | 12/2001           | 03/2008 | OP09-111     |          | 06A115105 - 6A115105B         |
| 1.9 TDI                                | AVB, BPZ, BSV  | 08/2002           | 03/2008 | OP09-111     |          | 06A115105 - 6A115105B         |
| 1.9 TDI                                | AWX, AVF       | 12/2001           | 03/2008 | OP09-173     |          | 038115105D                    |
| 2.0                                    | AZM            | 12/2001           | 03/2008 | OP09-111     |          | 06A115105 - 6A115105B         |
| SUPERB (3T4) - Station wagon (3T5)     |                |                   |         |              |          |                               |
| 1.4 TSI                                | CAXC           | 07/2008           |         | OP09-129     |          | 03C115105AC - 03C115105AD     |
| 2.0 TDI                                | BMP, BSS, CBBB | 07/2008           | 05/2015 | OP09-128     |          | 03G115105C                    |
| YETI                                   |                |                   |         |              |          |                               |
| 1.4 TSI                                | CAXA           | 06/2010           |         | OP09-129     |          | 03C115105AC - 03C115105AD     |
| 2.0 D 4x4                              | CBDB, CEGA     | 11/2005           | 05/2010 | OP09-110     |          | 038115105C                    |
|  |                |                   |         |              |          |                               |
| TOYOTA                                 |                |                   |         |              |          |                               |
| AYGO                                   |                |                   |         |              |          |                               |
| 1.4 HDi (WNB10)                        | 2WZ-TV         | 07/2005           | 08/2010 | OP09-166     |          | SU00100572                    |
| AURIS I                                |                |                   |         |              |          |                               |
| 1.6                                    | 1ZR-FE         | 03/2007           | 09/2012 | OP09-171     |          | 15100-37030                   |
| AVENSIS - Station wagon (ZRT27, ADT27) |                |                   |         |              |          |                               |
| 2.0                                    | 3ZR-FE         | 02/2009           |         | OP09-171     |          | 15100-37030                   |
| YARIS I                                |                |                   |         |              |          |                               |
| 1.0                                    | 1SZ-FE         | 04/1999           | 09/2005 | OP09-183     |          | 1510021030                    |
| 1.3                                    | 2NZ-FE, 2SZ-FE | 04/2002           | 09/2005 | OP09-183     |          | 1510021030                    |
| YARIS II                               |                |                   |         |              |          |                               |
| 1.3 VVT-i                              | 2SZ-FE         | 08/2005           |         | OP09-183     |          | 1510021030                    |
| 1.8 VVTi                               | 2ZR-FE         | 01/2007           |         | OP09-171     |          | 15100-37030                   |
|  |                |                   |         |              |          |                               |
| VOLVO                                  |                |                   |         |              |          |                               |
| C30                                    |                |                   |         |              |          |                               |
| 1.6 D2                                 | D 4162 T       | 10/2006           | 12/2012 | OP09-166     |          | 30711517                      |
| 1.6 D2                                 | D 4162 T       | ENG. CH<br>279946 | 12/2012 | OP09-165     | EURO 5/6 | 31368029                      |
| S40 II                                 |                |                   |         |              |          |                               |
| 1.6 D2                                 | D 4162 T       | 01/2005           | 12/2012 | OP09-166     |          | 30711517                      |
| 1.6 D2                                 | D 4162 T       | ENG. CH<br>279946 | 12/2012 | OP09-165     | EURO 5/6 | 31368029                      |
| S80 II                                 |                |                   |         |              |          |                               |
| 1.6 DRIVE                              | D4162T         | 01/2010           | 06/2011 | OP09-166     |          | 30711517                      |

| MAKE TYPE      | ENGINE TYPE | DATE           |         | FRECCIA REF. | NOTE     | O. E. REF. |
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|                |             | from           | to      |              |          |            |
| < VOLVO        |             |                |         |              |          |            |
| 1.6 DRIVE      | D4162T      | ENG. CH 279946 | 12/2015 | OP09-165     | EURO 5/6 | 31368029   |
| V40 II         |             |                |         |              |          |            |
| D2             | D4162T      | 01/2013        |         | OP09-165     | EURO 5/6 | 31368029   |
| V50            |             |                |         |              |          |            |
| 1.6 D2         | D4162T      | 01/2005        | 12/2012 | OP09-166     |          | 30711517   |
| 1.6 D2         | D4162T      | 01/2011        |         | OP09-165     | EURO 5/6 | 31368029   |
| V60            |             |                |         |              |          |            |
| 1.6 DRIVE      | D4162T      | 02/2012        | 12/2015 | OP09-166     |          | 30711517   |
| 1.6 DRIVE      | D4162T      | ENG. 675119    |         | OP09-165     | EURO 5/6 | 31368029   |
| V70 III        |             |                |         |              |          |            |
| 1.6 DRIVE / D2 | D4162T      | 04/2011        | 12/2015 | OP09-166     |          | 30711517   |
| 1.6 DRIVE / D2 | D4162T      | ENG. CH 216704 | 12/2015 | OP09-165     |          | 31368029   |

|  |  |         |         |          |  |                               |
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| <b>VOLKSWAGEN</b>  |  |         |         |          |  |                               |
| <b>AMAROK</b>  |  |         |         |          |  |                               |
| 2.0 TSI  | CFPA   | 12/2010 |         | OP09-109 |  | 06J115105AB - 06J115105T      |
| 2.0 TDI  | CNEA, CSHA   | 11/2011 |         | OP09-174 |  | 03L115105D                    |
| 2.0 TDI, 2.0 TDI 4 Motion, 2.0 BiTDI, 2.0 BiTDI 4 Motion | CDBA, CNFA, CNFB, CDCA, CNEA, CSHA                     | 09/2010 |         | OP09-112 |  | 03L115105B                    |
| <b>BEETLE (NEW) (9C1, 1C1)</b>                           |  |         |         |          |  |                               |
| 1.6  | AWH, AYD, BFS  | 10/1999 | 09/2010 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.8 T  | AGU, APH, AVC, AWU, AWW, BKF, AWP, BNU                 | 10/1999 | 09/2010 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.9 TDI  | ALH, ATD, BEW, BSW, AXR                                | 06/2003 | 09/2010 | OP09-111 |  | 06A115105 - 6A115105B         |
| 2.0  | AEG, APK, AQY, AVH, AZG, AZJ, BEJ, BER, BEV, BHP, CBPA | 09/2002 | 09/2010 | OP09-111 |  | 06A115105 - 6A115105B         |
| <b>BEETLE (5C1)</b>                                      |  |         |         |          |  |                               |
| 1.4 TSI  | CAVD, CNWA, CTHD, CTKA                                 | 12/2011 |         | OP09-129 |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI  | CAYC   | 10/2011 |         | OP09-112 |  | 03L115105B                    |
| 2.0 TSI  | CBFA, CCTA   | 04/2011 |         | OP09-109 |  | 06J115105AB - 06J115105T      |
| 2.0 TDI  | CFFB, CJAA   | 04/2011 |         | OP09-174 |  | 03L115105D                    |
| 2.5  | CBTA, CBUA, CCCA                                       | 04/2011 |         | OP09-178 |  | 07K115105Q                    |
| <b>BORA (1J2) - Variant (1J6)</b>                        |  |         |         |          |  |                               |
| 1.4 16V  | AHW, AKQ, APE, AXP, BCA                                | 03/2000 | 05/2005 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.6  | AEH, AKL, APF, AVU, BFQ, BJH,                          | 10/1998 | 05/2005 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.6 16V  | ATN, AUS, AZD, BCB                                     | 05/2000 | 05/2005 | OP09-106 |  | 030 115 105 N - 036 115 105 B |
| 1.8, 1.8 T, 1.8 4 motion                                 | AGN, BAF, AGU, ARX, AUM, BAE, AUQ, AWP                 | 10/1998 | 05/2005 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.9 SDI, 1.9 TDI, 1.9 TDI 4 motion                       | AGP, AQM, AGR, ALH, ATD, AXR, AHF, ASV, AJM, AUU       | 10/1998 | 05/2005 | OP09-111 |  | 06A115105 - 6A115105B         |
| 1.9 TDI, 1.9 TDI 4 motion                                | ASZ, ARL   | 11/2000 | 05/2005 | OP09-173 |  | 038115105D                    |
| 2.0, 2.0 4 motion  | APK, AQY, AZG, AZH, AZJ, BBW                           | 10/1998 | 05/2005 | OP09-111 |  | 06A115105 - 6A115105B         |
| <b>CC (358)</b>  |  |         |         |          |  |                               |
| 1.4 TSI, 1.4 TSI Multifuel                               | CTHD, CKMA   | 11/2011 | 12/2016 | OP09-129 |  | 03C115105AC - 03C115105AD     |

| MAKE TYPE                                  | ENGINE TYPE  | DATE                |                     | FRECCIA REF. | NOTE | O. E. REF.                    |
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| < VOLKSWAGEN                               |  |                     |                     |              |      |                               |
| 2.0 TDI                                    | CFFA, CFFB, CFGB, CFGC                                     | 12/2012             | 12/2016             | OP09-174     |      | 03L115105D                    |
| EOS  |  |                     |                     |              |      |                               |
| 1.4 TSI                                    | CAXA, CAVD, CTHD   | 05/2008             | 08/2015             | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6 FSI                                    | BLF  | 06/2006             | 05/2008             | OP09-175     |      | 03C115105AB                   |
| 2.0 TDI, 2.0 TDI 16V                       | CFFA, CFFB   | 11/2010             | 08/2015             | OP09-174     |      | 03L115105D                    |
| FOX  |  |                     |                     |              |      |                               |
| 1.2  | BMD, CHFB, CHFA  | 09/2010             |                     | OP09-140     |      | 03D115105F                    |
| 1.4 TDI                                    | BNM  | 04/2005             |                     | OP09-138     |      | 045115104C                    |
| GOLF I - Cabriolet                         |  |                     |                     |              |      |                               |
| 1.5  | JB   | 08/1982             | 07/1983             | OP09-108     |      | 27115105E - 49115105A         |
| 1.6  | EW   | 01/1983             | 07/1992             | OP09-108     |      | 27115105E - 49115105A         |
| 1.8  | JH   | 08/1985             | 07/1992             | OP09-108     |      | 27115105E - 49115105A         |
| GOLF II                                    |  |                     |                     |              |      |                               |
| 1.6  | PN, RF, ABN, EZ, HM  | 08/1983             | 10/1991             | OP09-108     |      | 27115105E - 49115105A         |
| 1.6 TD                                     | 1V, JR, MF   | 08/1983             | 10/1991             | OP09-105     |      | 028115105G                    |
| 1.8, 1.8 Syncro, 1.8 i cat Syncro, 1.8 GTI | RH, GU, GX, HV, RP, 1P, HT, RV, RD, HT, RV, DX, EV, GZ, PB | 08/1983             | 10/1991             | OP09-108     |      | 27115105E - 49115105A         |
| GOLF III - Variant                         |  |                     |                     |              |      |                               |
| 1.4  | ABD, AEX, APQ  | 10/1991             | 04/1999             | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6  | AEK, AFT, AKS  | 10/1994             | 05/1998             | OP09-108     |      | 27115105E - 49115105A         |
| 1.6  | ABU, AEA, AEE  | CHASSIS 1H-WD119001 | CHASSIS 1H-WD151001 | OP09-125     |      | 032115105G                    |
| 1.6  | ABU, AEA, AEE  | 02/1992             | 08/1997             | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.8, 1.8 Syncro                            | AAM, ANN, ABS, ACC, ADZ, ABS                               | 11/1991             | 08/1997             | OP09-108     |      | 27115105E - 49115105A         |
| 1.9 D, 1.9 SDI, 1.9 TDI1.9 TD GTD          | AEY, 1Y, AAZ, 1Z, ALE, AFN                                 | 11/1991             | 04/1999             | OP09-105     |      | 028115105G                    |
| 2.0, 2.0 Syncro                            | 2E, ADY, AGG, AKR  | 07/1993             | 04/1999             | OP09-108     |      | 27115105E - 49115105A         |
| 2.8 VR6, 2.9 VR6                           | ABV, AAA   | 01/1992             | 08/1997             | OP09-176     |      | 21115105B                     |
| GOLF IV - Variant                          |  |                     |                     |              |      |                               |
| 1.4 16V                                    | AHW, AKQ, APE, AXP, BCA                                    | 05/1999             | 06/2006             | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.6  | AEH, AKL, APF, AVU, BFQ, BJH,                              | Eng.1J-W-000 001    | 06/2005             | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.8, 1.8 T, 1.8 4 motion, 1.8 T GTI        | AGN, BAF, AGU, AQA, ARZ, AUM, AWD, AUQ,                    | Eng.1J-W-000 001    | 06/2005             | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.6 16V                                    | ATN, AUS, AZD, BCB   | 02/2000             | 06/2006             | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.9 TDI                                    | ARL, ASZ   | 11/2000             | 06/2006             | OP09-173     |      | 038115105D                    |
| 1.9 TDI                                    | AHU, ALE, AFN, AVG   | 06/1998             | 06/2002             | OP09-105     |      | 028115105G                    |
| 1.9 SDI, 1.9 TDI, 1.9 TDI 4 motion         | AGP, AQM, AGR, ALH, ATD, AHF, ASV, ATD, AXR                | Eng.1J-W-000 001    | 06/2005             | OP09-111     |      | 06A115105 - 6A115105B         |
| 2.0 4motion                                | AZH, AZJ, APK, AQY, AZG, AZJ, BER                          | Eng.1J-W-000 001    | 06/2005             | OP09-111     |      | 06A115105 - 6A115105B         |
| 2.8 VR6                                    | AQP, AUE, BDE  | 03/1999             | 06/2005             | OP09-176     |      | 21115105B                     |
| GOLF V - Variant                           |  |                     |                     |              |      |                               |
| 1.4, 1.4 16V                               | BCA, BUD   | 10/2003             | 11/2008             | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 TSI                                    | CAXA, BMY, BLG, CAVD                                       | 05/2007             | 07/2009             | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6 FSI                                    | BLF, BAG, BLP  | 10/2003             | 07/2008             | OP09-175     |      | 03C115105AB                   |

| MAKE TYPE                 | ENGINE TYPE                            | DATE    |         | FRECCIA REF. | NOTE   | O. E. REF.                    |
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| < VOLKSWAGEN              |  |         |         |              |  |                               |
| 1.9 TDI, 1.9 TDI 4 Motion | BRU, BXF, BXJ, BKC, BLS, BXE           | 10/2003 | 11/2008 | OP09-110     |  | 038115105C                    |
| 2.0 TDI                   | AZV, BKD, BMN                          | 10/2003 | 11/2008 | OP09-141     |  | 03G115105                     |
| 2.0 TDI, 2.0 TDI 4 Motion | BMM                                    | 12/2004 | 11/2008 | OP09-110     |  | 038115105C                    |
| 2.0, 2.0 GTI              | AXX, BPY, BWA, CAWB, CBFA, CCTA        | 06/2007 | 07/2009 | OP09-109     |  | 06J115105AB - 06J115105T      |
| GOLF V PLUS               |  |         |         |              |  |                               |
| 1.4 TSI                   | CAXA, BMY, BLG, CAVD, CNWA             | 05/2006 | 12/2013 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.4 16V                   | BCA, BUD, CGGA                         | 01/2005 | 12/2009 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.6, 1.6 Multifuel        | BSE, BSF, CCSA, CMXA                   | 05/2005 | 12/2013 | OP09-111     |  | 06A115105 - 6A115105B         |
| 1.6 FSI                   | BLF                                    | 12/2004 | 05/2008 | OP09-175     |  | 03C115105AB                   |
| 1.9 TDI                   | BRU, BXF, BXJ, BKC, BLS, BXE           | 01/2005 | 01/2009 | OP09-110     |  | 038115105C                    |
| 2.0 TDI                   | AZV, CBDA, CFHB                        | 01/2005 | 12/2013 | OP09-141     |  | 03G115105                     |
| 2.0 TDI                   | BMM                                    | 12/2004 | 05/2011 | OP09-110     |  | 038115105C                    |
| GOLF VI - GOLF VI Variant |  |         |         |              |  |                               |
| 1.4 TSI                   | CAXA, CAVD, CNWA, CTHD, CTKA           | 07/2009 | 07/2013 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI, 1.6 TDI 4motion  | CAYB, CAYC                             | 07/2009 | 07/2013 | OP09-112     |  | 03L115105B                    |
| 2.0 TDI                   | CBAB                                   | 10/2008 | 05/2013 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105C                    |
| 2.0 TDI                   | CBAB, CFFB, CJAA                       | 10/2008 | 05/2013 | OP09-141     | Controllare il riferimento OE<br>Please see OE reference | 03G115105                     |
| 2.0 TDI                   | CBAB, CFFB, CBBB, CFGB                 | 10/2008 | 05/2013 | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| 2.0 TDI                   | CBDC, CLCA                             | 10/2008 | 07/2013 | OP09-112     |  | 03L115105B                    |
| GOLF VI Convertible       |  |         |         |              |  |                               |
| 1.4 TSI                   | CAXA, CAVD, CNWA, CTHD, CTKA           | 07/2009 | 07/2013 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| GOLF VII                  |  |         |         |              |  |                               |
| 1.2 TSI                   | CJZB, CYVA, CJZA, CWVA                 | 08/2012 |         | OP09-177     |  | 04E115105AQ                   |
| GOLF SPORTSVAN (AM1)      |  |         |         |              |  |                               |
| 1.2 TSI                   | CYVA, CYVB, CWVA                       | 05/2014 |         | OP09-177     |  | 04E115105AQ                   |
| JETTA I                   |  |         |         |              |  |                               |
| 1.5                       | JB                                     | 08/1978 | 12/1984 | OP09-108     |  | 27115105E - 49115105A         |
| 1.6, 1.6 GLI              | FR, EG                                 | 08/1978 | 02/1984 | OP09-108     |  | 27115105E - 49115105A         |
| JETTA II                  |  |         |         |              |  |                               |
| 1.6 TD                    | 1V, JR, MF, RA, SB                     | 01/1984 | 10/1991 | OP09-105     |  | 028115105G                    |
| 1.8, 1.8 Cat., 1.8 Syncro | 1P, GU, GX, HV, RD, RH, GX, RP, KR, PL | 08/1984 | 10/1991 | OP09-108     |  | 27115105E - 49115105A         |
| JETTA III                 |  |         |         |              |  |                               |
| 1.4 TSI                   | CAXA, CAVD, BMY, BLG                   | 05/2007 | 10/2010 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI                   | CAYB, CAYC                             | 06/2009 | 10/2010 | OP09-112     |  | 03L115105B                    |
| 1.6 FSI                   | BLF                                    | 10/2005 | 10/2010 | OP09-175     |  | 03C115105AB                   |
| 1.9 TDI                   | BKC, BLS, BXE                          | 01/2005 | 10/2010 | OP09-110     |  | 038115105C                    |
| 2.0 TDI, 2.0 TDI 16V      | AZV, BKD, BMN                          | 10/2005 | 10/2010 | OP09-141     |  | 03G115105                     |
| 2.0 TDI                   | BMM                                    | 10/2005 | 10/2010 | OP09-110     |  | 038115105C                    |
| 2.0 TFSI                  | AXX, BPY, BWA, CAWB, CBFA, CCTA, CCZA  | 10/2005 | 10/2010 | OP09-109     |  | 06J115105AB - 06J115105T      |

| MAKE TYPE                                   | ENGINE TYPE                                 | DATE              |         | FRECCIA REF. | NOTE | O. E. REF.                    |
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|   |   | from              | to      |              |      |                               |
| < VOLKSWAGEN                                |   |                   |         |              |      |                               |
| JETTA IV                                    |   |                   |         |              |      |                               |
| 1.4 TSI                                     | CAXA, CMSB, CAVA, CTHA, CAVD, CTHD          | 04/2011           |         | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6 TDI                                     | CAYC  | 10/2010           | 07/2014 | OP09-112     |      | 03L115105B                    |
| 2.0 TDI                                     | CFHC, CJAA, CLCA, CLCB                      | 02/2001           |         | OP09-112     |      | 03L115105B                    |
| 2.0 TDI                                     | CFFB, CFHC, CJAA                            | 02/2011           |         | OP09-174     |      | 03L115105D                    |
| 2.0 TSI                                     | CBFA, CCTA, CCZA                            | 12/2010           |         | OP09-109     |      | 06J115105AB - 06J115105T      |
| LUPO  |   |                   |         |              |      |                               |
| 1.0   | AER, ALD, ALL, ANV, AUC                     | 02/1999           | 07/2005 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 16V, 1.4 FSI, 1.4 TDI                   | AFK, AQQ, AUB, AHW, AKQ, APE, AUA, BBY, ARR | 09/1998           | 07/2005 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                                     | AMF, ANY, AYZ                               | 07/1999           | 07/2005 | OP09-138     |      | 045115104C                    |
| 1.6 GTI                                     | AVY   | 09/2000           | 07/2005 | OP09-106     |      | 030 115 105 N - 036 115 105 B |
| 1.7 SDI                                     | AKU   | 09/1998           | 07/2005 | OP09-126     |      | 028 115 105D                  |
| MULTIVAN V                                  |   |                   |         |              |      |                               |
| 1.9 TDI                                     | BRR, AXC, BBS                               | 04/2003           | 11/2009 | OP09-173     |      | 038115105D                    |
| 2.0 TDI                                     | CFCA, CAAC, CCHA                            | 09/2009           | 08/2015 | OP09-174     |      | 03L115105D                    |
| 2.5 TDI, 2.5 TDI 4 motion                   | AXD, BNZ, AXE, BPC, BLJ                     | 11/2003           | 11/2009 | OP09-139     |      | 070115103A                    |
| PASSAT (32) - Variant (33)                  |   |                   |         |              |      |                               |
| 1.6 TD                                      | RA, SB                                      | 05/1986           | 09/1993 | OP09-105     |      | 028115105G                    |
| 1.9 D, TD, 1.9 TDI                          | 1Y, AAZ, 1Z, AHU                            | 05/1989           | 05/1997 | OP09-105     |      | 028115105G                    |
| PASSAT (3A2, 35I) - Variant (3A5, 35I)      |   |                   |         |              |      |                               |
| 1.6   | 1F, EZ, ABN                                 | 04/1988           | 07/1991 | OP09-108     |      | 27115105E - 49115105A         |
| 1.8   | ABS, ADZ, RP, AAM, PF, PB                   | 02/1988           | 05/1997 | OP09-108     |      | 27115105E - 49115105A         |
| 2.8 VR6                                     | AAA   | 01/1993           | 12/1995 | OP09-176     |      | 21115105B                     |
| PASSAT (3B2) - Variant (3B5)                |   |                   |         |              |      |                               |
| 1.8, 1.8 T, 1.8 Syncro/4motion              | ADR, APT, ARG, AEB, ANB, APU                | eng. 3B-V-000 001 | 11/2000 | OP09-127     |      | 058 115 105 A                 |
| 1.9 TDI                                     | AFN, AVG, AHH, AHU                          | 10/1996           | 11/2000 | OP09-124     |      | 028115105M                    |
| 2.8 V6                                      | ACK, APR, AQD                               | 08/1996           | 11/2000 | OP09-172     |      | 078 115 105A                  |
| PASSAT (3B3) - Variant (3B6)                |   |                   |         |              |      |                               |
| 1.8 T 20V                                   | AWL, AWT                                    | 11/2000           | 05/2005 | OP09-111     |      | 06A115105 - 6A115105B         |
| 1.9 TDI                                     | AVF, AWX                                    | 11/2000           | 05/2005 | OP09-173     |      | 038115105D                    |
| 2.0   | AZM, BFF                                    | 11/2000           | 05/2005 | OP09-111     |      | 06A115105 - 6A115105B         |
| 2.8 4motion                                 | AMX, ATQ                                    | 11/2000           | 05/2005 | OP09-172     |      | 078 115 105A                  |
| PASSAT (3C2) - Variant (3C5)                |   |                   |         |              |      |                               |
| 1.4 TSI, 1.4 TSI EcoFuel                    | CAXA, CDGA                                  | 05/2007           | 11/2010 | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6 FSI                                     | BLF   | 03/2005           | 06/2008 | OP09-175     |      | 03C115105AB                   |
| 1.9 TDI                                     | BKC, BLS, BXE                               | 03/2005           | 07/2010 | OP09-110     |      | 038115105C                    |
| 2.0 TDI 16V                                 | BKP, CBAB                                   | 08/2005           | 12/2010 | OP09-141     |      | 03G115105                     |
| PASSAT (362) - Variant (365)                |   |                   |         |              |      |                               |
| 1.4 TSI, 1.4 TSI EcoFuel, 1.4 TSI Multifuel | CAXA, CDGA, CTHD                            | 11/2010           | 12/2014 | OP09-129     |      | 03C115105AC - 03C115105AD     |
| 1.6 TDI                                     | CAYC  | 08/2010           | 12/2014 | OP09-112     |      | 03L115105B                    |

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| < VOLKSWAGEN                         |   |                     |         |              |  |                               |
| 1.8 TSI                              | BZB, CDAA, CDAB                                       | 08/2010             | 12/2014 | OP09-109     |  | 06J115105AB - 06J115105T      |
| 2.0 TDI                              | CFFA, CFFB, CFGB, CLLA                                | 08/2010             | 12/2014 | OP09-174     |  | 03L115105D                    |
| PASSAT CC                            |   |                     |         |              |  |                               |
| 1.4 TSI Multifuel                    | CKMA  | 01/2011             | 01/2012 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.8 TSI                              | BZB, CDAA   | 06/2008             | 11/2010 | OP09-109     |  | 06J115105AB - 06J115105T      |
| 2.0 TDI                              | CBBB  | 08/2010             | 12/2014 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105C                    |
| 2.0 TDI                              | CBBB, CFGB, CLLA                                      | 06/2008             | 01/2012 | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| POLO (6N1)                           |   |                     |         |              |  |                               |
| 1.0                                  | AER, ALL  | 09/1996             | 10/1999 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.4, 1.4 16V                         | AEX, AKV, APQ, AFH                                    | 04/1996             | 10/1999 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.6, 1.6 16V GTI                     | AEA, AEE, AHS, AJV                                    | 09/1998             | 10/1999 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.7 SDI                              | AKU   | 10/1994             | 12/1999 | OP09-126     |  | 028 115 105D                  |
| 1.9 D                                | AEF   | 10/1994             | 10/1999 | OP09-126     |  | 028 115 105D                  |
| 1.9 TDI                              | ASZ, BLT  | 11/2000             | 05/2005 | OP09-173     |  | 038115105D                    |
| 1.9 D, 1.9 SDI                       | AEF, AGD  | 10/1994             | 10/1999 | OP09-105     |  | 028115105G                    |
| POLO (6N2)                           |   |                     |         |              |  |                               |
| 1.0                                  | ALD, AUC  | 10/1999             | 09/2001 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.4, 1.4 16V, 1.4 TDI                | AKP, ANX, AKK, AUD, AFK, AQQ, AUB, AHW, APE, AUA      | 10/1999             | 09/2001 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                              | AMF   | 10/1999             | 09/2001 | OP09-138     |  | 045115104C                    |
| 1.6 16V GTI                          | ARC, AVY  | 01/2000             | 09/2001 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.7 SDI                              | AKU   | 10/1999             | 09/2001 | OP09-126     |  | 028 115 105D                  |
| 1.9 D                                | AEF   | 10/1999             | 09/2001 | OP09-126     |  | 028 115 105D                  |
| POLO (9N_)                           |   |                     |         |              |  |                               |
| 1.2, 1.2 12V                         | AWY, BMD, BBM, BZG                                    | 01/2002             | 11/2009 | OP09-140     |  | 03D115105F                    |
| 1.4, 1.4 16V, 1.4 TDI, 1.4 FSI       | AUA, BBY, BKY, BUD, AXU, AUB, BBZ, BNM, BWB, AMF, BAY | 10/2001             | 11/2009 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.4 TDI                              | BNM, BWB, AMF, BAY, BMS, BNV                          | 10/1999             | 09/2001 | OP09-138     |  | 045115104C                    |
| 1.8 GTI                              | BBU, BJX  | Eng. 9N-5-500<br>00 | 11/2009 | OP09-111     |  | 06A115105 - 6A115105B         |
| 1.9 TDI                              | ASZ, BLT  | 11/2003             | 11/2009 | OP09-173     |  | 038115105D                    |
| 1.9 TDI                              | ATD, AXR, BMT   | 10/2001             | 11/2009 | OP09-110     |  | 038115105C                    |
| POLO (6R, 6C)                        |   |                     |         |              |  |                               |
| 1.2                                  | CGPA, CGPB  | 06/2009             |         | OP09-140     |  | 03D115105F                    |
| 1.4                                  | CDDA, CGGB, CLPA                                      | 03/2009             | 05/2014 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.4 GTI                              | CAVE, CTHE  | 05/2010             |         | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI                              | CAYA, CAYB, CAYC, CLNA                                | 06/2009             |         | OP09-112     |  | 03L115105B                    |
| POLO CLASSIC (6KV2) - Variant (6KV5) |   |                     |         |              |  |                               |
| 1.4, 1.4 16V                         | AEX, AKK, AKV, ANW, APQ, AUD, APE, AUA                | 10/1999             | 09/2001 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.6                                  | 1F, AEE, ALM  | 11/1995             | 09/1997 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.6                                  | AFT   | 05/1997             | 09/2001 | OP09-108     |  | 27115105E - 49115105A         |
| 1.7 SDI                              | AKW   | 08/1997             | 09/2001 | OP09-105     |  | 028115105G                    |
| 1.9 SDI, 1.9 TDI                     | 1Y, AGP, AQM, AHU, ALE, ALH, AFN, ASV                 | 12/1995             | 01/2002 | OP09-105     |  | 028115105G                    |

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| < VOLKSWAGEN                      |                                    |              |         |              |  |                               |
| 1.9 TDI                           | AGR, ALH                           | 6K-Y-502 795 | 06/2001 | OP09-111     |  | 06A115105 - 6A115105B         |
| SCIROCCO (137, 138)               |                                    |              |         |              |  |                               |
| 1.4 TSI                           | CAXA, CMSB, CAVD, CNWA, CTHD, CTKA | 05/2008      | 11/2017 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 2.0 TDI                           | CFGC                               | 01/2013      | 01/2017 | OP09-174     |  | 03L115105D                    |
| 2.0 TDI                           | CFHB, CBDB, CFHC                   | 08/2008      | 01/2017 | OP09-112     |  | 03L115105B                    |
| SHARAN I                          |                                    |              |         |              |  |                               |
| 1.4 TSI                           | CAVA, CNWB, CTHA                   | 05/2010      |         | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.8 T 20 V                        | AJH, AWC                           | 09/1997      | 03/2010 | OP09-111     |  | 06A115105 - 6A115105B         |
| 1.9 TDI, 1.9 TDI 4motion          | ANU, AUY, BVK                      | 04/2000      | 03/2010 | OP09-111     |  | 06A115105 - 6A115105B         |
| 1.9 TDI                           | 1Z, AHU, AFN, AVG                  | 09/1995      | 03/2010 | OP09-105     |  | 028115105G                    |
| 1.9 TDI                           | ASZ, BTB                           | 11/2002      | 03/2010 | OP09-173     |  | 038115105D                    |
| 2.0                               | ADY, ATM                           | 09/1995      | 03/2010 | OP09-111     |  | 06A115105 - 6A115105B         |
| 2.0 TDI                           | BVH, BRT                           | 11/1995      | 03/2010 | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105C                    |
| 2.8 VR6                           | AAA, AMY, AYL                      | 09/1995      | 03/2010 | OP09-176     |  | 21115105B                     |
| TIGUAN                            |                                    |              |         |              |  |                               |
| 1.4 TSI, 1.4 TSI 4Motion          | CAXA, BWK, CAVA, CTHA, CAVD, CTHD  | 05/2011      |         | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 2.0 TFSI 4motion, 2.0 TSI 4motion | CAWA, CCZC, CAWB, CCTA, CCZA       | 09/2007      |         | OP09-109     |  | 06J115105AB - 06J115105T      |
| 2.0 TDI                           | CBAB                               | 09/2007      |         | OP09-128     | Controllare il riferimento OE<br>Please see OE reference | 03G115105C                    |
| 2.0 TDI                           | CFFD, CUVE, CBAB, CFFB, CLJA       | 09/2007      |         | OP09-174     | Controllare il riferimento OE<br>Please see OE reference | 03L115105D                    |
| TOUAREG (7LA, 7L6, 7L7)           |                                    |              |         |              |  |                               |
| 2.5 R5 TDI                        | BAC, BPE                           | 01/2003      | 05/2010 | OP09-139     |  | 070115103A                    |
| TOURAN (1T1, 1T2)                 |                                    |              |         |              |  |                               |
| 1.4 TSI, 1.4 TSI Ecofuel, 1.4 FSI | BMV, CAVC, BLG, CAVB               | 02/2006      | 05/2010 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6                               | BGU, BSE, BSF                      | 08/2003      | 05/2010 | OP09-111     |  | 06A115105 - 6A115105B         |
| 1.6 FSI                           | BLF                                | 03/2005      | 06/2008 | OP09-175     |  | 03C115105AB                   |
| 1.9 TDI                           | BRU, BXF, BXJ, BKC, BLS, BXE       | 08/2003      | 05/2010 | OP09-110     |  | 038115105C                    |
| 2.0 FSI, 2.0 Ecofuel              | BSX, BJZ                           | 02/2006      | 05/2010 | OP09-111     |  | 06A115105 - 6A115105B         |
| 2.0 TDI                           | AZV, BKD, BMN                      | 02/2003      | 05/2010 | OP09-141     |  | 03G115105                     |
| TOURAN (1T3)                      |                                    |              |         |              |  |                               |
| 1.4 TSI, 1.4 TSI Ecofuel          | CAVC, CTHC, CDGA, CAVB, CTHB       | 05/2010      | 05/2015 | OP09-129     |  | 03C115105AC - 03C115105AD     |
| 1.6 TDI                           | CAYB, CAYC                         | 05/2010      | 05/2015 | OP09-112     |  | 03L115105B                    |
| VENTO                             |                                    |              |         |              |  |                               |
| 1.4                               | ABD, AEX                           | 11/1991      | 09/1998 | OP09-106     |  | 030 115 105 N - 036 115 105 B |
| 1.6                               | AEK, AFT                           | 10/1994      | 09/1998 | OP09-108     |  | 27115105E - 49115105A         |
| 1.8                               | ABS, ACC, ADD, ADZ, AAM            | 11/1991      | 09/1998 | OP09-108     |  | 27115105E - 49115105A         |
| 1.9 D, 1.9 SDI, 1.9 TD, 1.9 TDI   | 1Y, AEY, AAZ, 1Z, AHU, ALE, AFN    | 11/1991      | 09/1998 | OP09-105     |  | 028115105G                    |

## VOLKSWAGEN COMMERCIALI

### CADDY II

|                         |                  |         |         |          |  |            |
|-------------------------|------------------|---------|---------|----------|--|------------|
| 1.9 D, 1.9 SDI, 1.9 TDI | 1Y, AEY, 1Z, AHU | 11/1995 | 01/2004 | OP09-105 |  | 028115105G |
|-------------------------|------------------|---------|---------|----------|--|------------|



| MAKE TYPE                                   | ENGINE TYPE  | DATE    |         | FRECCIA REF. | NOTE | O. E. REF.              |
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| < VOLKSWAGEN COMMERCIALI                    |  |         |         |              |      |                         |
| 1.9 SDI, 1.9 TDI                            | AYQ, ALE, ALH  | 11/1995 | 01/2004 | OP09-111     |      | 06A115105 - 6A115105B   |
| CADDY III                                   |  |         |         |              |      |                         |
| 1.6 TDI                                     | CAYD, CAYE   | 08/2010 | 05/2015 | OP09-112     |      | 03L115105B              |
| 1.9 TDI, 1.9 TDI 4 Motion                   | BJB, BLS   | 05/2008 | 08/2010 | OP09-110     |      | 038115105C              |
| 2.0 Ecofuel                                 | BSX  | 04/2006 | 05/2015 | OP09-111     |      | 06A115105 - 6A115105B   |
| 2.0 TDI                                     | BMM  | 09/2007 | 08/2010 | OP09-110     |      | 038115105C              |
| 2.0 TDI, 2.0 TDI 16 V, 2.0 TDI 16 V 4motion | CLCA, CFHF, CFJA, CFHF, CFHC                               | 08/2010 | 05/2015 | OP09-112     |      | 03L115105B              |
| CRAFTER (2E_) (2F_)                         |  |         |         |              |      |                         |
| 2.0 TDI, 2.0 TDI 4motion                    | CKTB, CSLA, CSLB, CKTC, CKUB, CSNA,                        | 05/2001 | 06/2016 | OP09-112     |      | 03L115105B              |
| 2.5 TDI                                     | BJL, BJM, BJK, BJJ, CECB, CECA, CEBA, CEBB                 | 04/2006 | 05/2013 | OP09-107     |      | 074115105A - 074115105B |
| LT II 28-35                                 |  |         |         |              |      |                         |
| 2.5 SDI, 2.5 TDI                            | AGX, BBE, APA, BBF, ANJ, AVR                               | 05/1999 | 07/2006 | OP09-107     |      | 074115105A - 074115105B |
| LT II 28-46                                 |  |         |         |              |      |                         |
| 2.5 SDI, 2.5 TDI                            | AGX, BBE, APA, BBF, ANJ, AVR                               | 05/1996 | 07/2006 | OP09-107     |      | 074115105A - 074115105B |
| TRANSPORTER IV                              |  |         |         |              |      |                         |
| 1.9 D, 1.9 TD                               | 1X, ABL  | 09/1990 | 04/2003 | OP09-126     |      | 028 115 105D            |
| 2.5 TDI, 2.5 TDI Syncro                     | AJT, AYY, AGX, AHD, ACV, AUF, AYC, ACV, AXL, ACV, AUF, AYC | 19/1995 | 04/2003 | OP09-107     |      | 074115105A - 074115105B |
| TRANSPORTER V                               |  |         |         |              |      |                         |
| 1.9 TDI                                     | BRR, BRS, AXC  | 01/2006 | 11/2009 | OP09-173     |      | 038115105D              |
| 2.0 TDI                                     | CAAC, CCHA, CAAE, CCHB, CFCA                               | 09/2009 | 08/2015 | OP09-174     |      | 03L115105D              |
| 2.5 TDI, 2.5 TDI 4 motion                   | AXD, AXE, BLJ, BNZ, BPC                                    | 04/2003 | 11/2009 | OP09-139     |      | 070115103A              |





OP09-101



OP09-102



OP09-103



OP09-104



OP09-105



OP09-106



OP09-107



OP09-108



OP09-109



OP09-110



OP09-111



OP09-112



OP09-113



OP09-114



OP09-115



OP09-116



OP09-117



OP09-118



OP09-119



OP09-120



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OP09-122



OP09-124



OP09-125



OP09-126



OP09-127



OP09-128



OP09-129



OP09-130



OP09-131



OP09-132



OP09-133



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OP09-138



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OP09-145



OP09-146



OP09-148



OP09-149



OP09-150



OP09-151



OP09-152



OP09-153



OP09-154



OP09-155



OP09-156



OP09-157



OP09-158



OP09-159



OP09-160



OP09-161



OP09-163



OP09-164



OP09-165



OP09-166



OP09-167



OP09-168



OP09-170



OP09-171



OP09-172



OP09-173



OP09-174



OP09-175



OP09-176



OP09-178



OP09-180



OP09-181



OP09-182



OP09-183



OP09-184



OP09-186



OP09-187



OP09-188



OP09-191



OP09-192



OP09-193



OP09-194



| FRECCIA REF. | O.E. REF.      | FRECCIA REF. | O.E. REF.     | FRECCIA REF. | O.E. REF.    | FRECCIA REF. | O.E. REF.       |
|--------------|----------------|--------------|---------------|--------------|--------------|--------------|-----------------|
| OP09-101     | 6011801401     | OP09-108     | 055115105D    | OP09-116     | 9611439480   | OP09-119     | 321.98          |
| OP09-102     | 90412744       | OP09-108     | 27115105      | OP09-116     | 9613590910   | OP09-119     | 11360-85E00     |
| OP09-102     | 646009         | OP09-109     | 06J115105AB   | OP09-117     | 101.E9       | OP09-119     | 11360-85E00-000 |
| OP09-102     | 646041         | OP09-109     | 06J115105AC   | OP09-117     | 96600667080  | OP09-119     | 16119-85E00     |
| OP09-102     | 646132         | OP09-109     | 06J115105T    | OP09-117     | 1096255      | OP09-119     | 16119-85E00-000 |
| OP09-102     | 646133         | OP09-110     | 038115105C    | OP09-117     | 1112956      | OP09-119     | 16520-85E01     |
| OP09-102     | 90541505       | OP09-111     | 06A115105     | OP09-117     | 1117948      | OP09-119     | 16520-85E01-000 |
| OP09-102     | 90369451       | OP09-111     | 06A115105A    | OP09-117     | 1134856      | OP09-120     | 6461801601      |
| OP09-102     | 90442241       | OP09-111     | 06A115105B    | OP09-117     | 1146956      | OP09-121     | 646072          |
| OP09-102     | 90444224       | OP09-111     | 06A115105C    | OP09-117     | 1355193      | OP09-121     | 93294869        |
| OP09-102     | 90444316       | OP09-111     | 06A115105D    | OP09-117     | 1456884      | OP09-121     | 93174209        |
| OP09-103     | 646052         | OP09-111     | 6A115105A     | OP09-117     | 1C1Q-6600-CD | OP09-122     | 1001.C9         |
| OP09-103     | 646056         | OP09-111     | 6A115105B     | OP09-117     | 1C1Q-6600-CE | OP09-123     | 8200101970      |
| OP09-103     | 646063         | OP09-111     | 6A115105C     | OP09-117     | 1C1Q-6600-CF | OP09-123     | 8200227686      |
| OP09-103     | 646067         | OP09-111     | 6A115105D     | OP09-117     | 1C1Q-6600CG  | OP09-123     | 8200591428      |
| OP09-103     | 9129092        | OP09-111     | 1100687       | OP09-117     | 1C1Q6600CC   | OP09-123     | 8200600531      |
| OP09-103     | 24406585       | OP09-111     | 1124931       | OP09-117     | YC1Q-6600-CB | OP09-124     | 028115105M      |
| OP09-103     | 90542273       | OP09-111     | XM216600AA    | OP09-117     | YC1Q-6600-CD | OP09-124     | 028 115 105 M   |
| OP09-103     | 90570980       | OP09-111     | XM216600BA    | OP09-117     | LR004392     | OP09-125     | 032115105G      |
| OP09-103     | 91180202       | OP09-112     | 03L115105B    | OP09-117     | LR004868     | OP09-126     | 028 115 105D    |
| OP09-103     | 9118202        | OP09-112     | 03L115107B    | OP09-117     | 1001.E9      | OP09-127     | 058 115 105 B   |
| OP09-103     | 93287137       | OP09-113     | 1078508       | OP09-118     | 9677428680   | OP09-127     | 058115105C      |
| OP09-104     | 7701669290     | OP09-113     | 1103529       | OP09-118     | 9808634180   | OP09-127     | 058 115 105 A   |
| OP09-104     | 7701693577     | OP09-113     | 1131923       | OP09-118     | 1717570      | OP09-128     | 03G115105B      |
| OP09-104     | 8200194608     | OP09-113     | 1219712       | OP09-118     | 1738483      | OP09-128     | 03G115105C      |
| OP09-104     | 8200222704     | OP09-113     | 1374144       | OP09-118     | 1839456      | OP09-128     | 03G115105D      |
| OP09-104     | 8200279948     | OP09-113     | 1568324       | OP09-118     | BK2Q-6600-AC | OP09-128     | 03G115105E      |
| OP09-104     | 8200783524     | OP09-113     | XS4Q-6F008-AE | OP09-118     | BK2Q-6600-BA | OP09-128     | 03G115105F      |
| OP09-105     | 028115105G     | OP09-113     | XS4Q-6F008-AF | OP09-118     | BK2Q-6600-BB | OP09-128     | 03G115105G      |
| OP09-105     | 028 115 105 G  | OP09-113     | XS4Q-6F008-AH | OP09-118     | BK2Q-6600-CA | OP09-128     | 03G115105H      |
| OP09-105     | 068 115 105 BK | OP09-113     | XS4Q-6F008-BA | OP09-118     | LR036454     | OP09-129     | 03C115105AC     |
| OP09-106     | 030 115 105 N  | OP09-113     | XS4Q-6F008-BB | OP09-118     | LR055351     | OP09-129     | 03C115105AD     |
| OP09-106     | 036 115 105 B  | OP09-113     | XS4Q6F008AD   | OP09-119     | 55185375     | OP09-129     | 03C115105AG     |
| OP09-106     | 036 115 105 D  | OP09-114     | 646001        | OP09-119     | 71771635     | OP09-129     | 03C115105Q      |
| OP09-106     | 035115105B     | OP09-114     | 646042        | OP09-119     | 73502327     | OP09-130     | 1001.C7         |
| OP09-106     | 036115105D     | OP09-114     | 90411568      | OP09-119     | 1606466880   | OP09-130     | 1001.E0         |
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| OP09-131     | 93198230     | OP09-150     | 15100PLE005  | OP09-161     | 646048       | OP09-166     | 31336586     |
| OP09-132     | 1076978      | OP09-151     | 21350-2B001  | OP09-161     | 90541512     | OP09-167     | 100156       |
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| OP09-133     | 9569342587   | OP09-154     | 651 180 2601 | OP09-164     | 12640448     | OP09-167     | 96012074     |
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| OP09-135     | 9621114380   | OP09-155     | 1501000Q1J   | OP09-165     | CV6Q-6600-AA | OP09-167     | 1001 56      |
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| OP09-140     | 03D115105G   | OP09-155     | 95507619     | OP09-166     | 1334773      | OP09-173     | 038115105D   |
| OP09-141     | 03G115105    | OP09-155     | 150001563R   | OP09-166     | 1348619      | OP09-174     | 03L115105D   |
| OP09-142     | 7700864571   | OP09-155     | 8200724668   | OP09-166     | 1441252      | OP09-175     | 03C115105AB  |
| OP09-143     | 8200227688   | OP09-155     | 8200967016   | OP09-166     | 1479062      | OP09-175     | 03C115105H   |
| OP09-143     | 8200698014   | OP09-155     | 8201068408   | OP09-166     | 1720867      | OP09-175     | 03C115105L   |
| OP09-144     | 46744430     | OP09-156     | 15010-5X00A  | OP09-166     | 256Q-6600-AC | OP09-175     | 03C115105N   |
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| OP09-145     | 1001 91      | OP09-156     | 15010-EB70A  | OP09-166     | 256Q6600AA   | OP09-176     | 021115105B   |
| OP09-145     | 1001.E3      | OP09-157     | 150002040R   | OP09-166     | 3M5Q-6600-AA | OP09-176     | 21115105B    |
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| OP09-146     | LR076782     | OP09-159     | 15010VK50A   | OP09-166     | 11417805988  | OP09-181     | 8200741635   |
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| 646133     | OP09-102     | 4432962    | OP09-131     | 90444224   | OP09-102     | 8200150042 | OP09-194     |
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| 9467560580    | <b>OP09-166</b> | 03L115105D     | <b>OP09-174</b> | 1001.E9         | <b>OP09-117</b> | 16100A70B2300   | <b>OP09-184</b> |
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| 028 115 105 M | <b>OP09-124</b> | 06A115105      | <b>OP09-111</b> | 13500-6N20C     | <b>OP09-158</b> | 1E05-14-100C    | <b>OP09-166</b> |
| 028 115 105D  | <b>OP09-126</b> | 06A115105A     | <b>OP09-111</b> | 13500-8J002     | <b>OP09-158</b> | 21115105B       | <b>OP09-176</b> |
| 028115105G    | <b>OP09-105</b> | 06A115105B     | <b>OP09-111</b> | 13500-8J00B     | <b>OP09-158</b> | 21350-2B001     | <b>OP09-151</b> |
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| 030 115 105 N | <b>OP09-106</b> | 06A115105D     | <b>OP09-111</b> | 150002040R      | <b>OP09-157</b> | 256Q-6600-AC    | <b>OP09-166</b> |
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## NOTE

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I riferimenti e le denominazioni originali sono esposti a puro titolo indicativo poiché i suddetti materiali NON SONO ORIGINALI, ma con questi intercambiabili.

The valves manufactured by us are not original ones but perfectly interchangeable. The original references are shown only for identification.

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