



User manual

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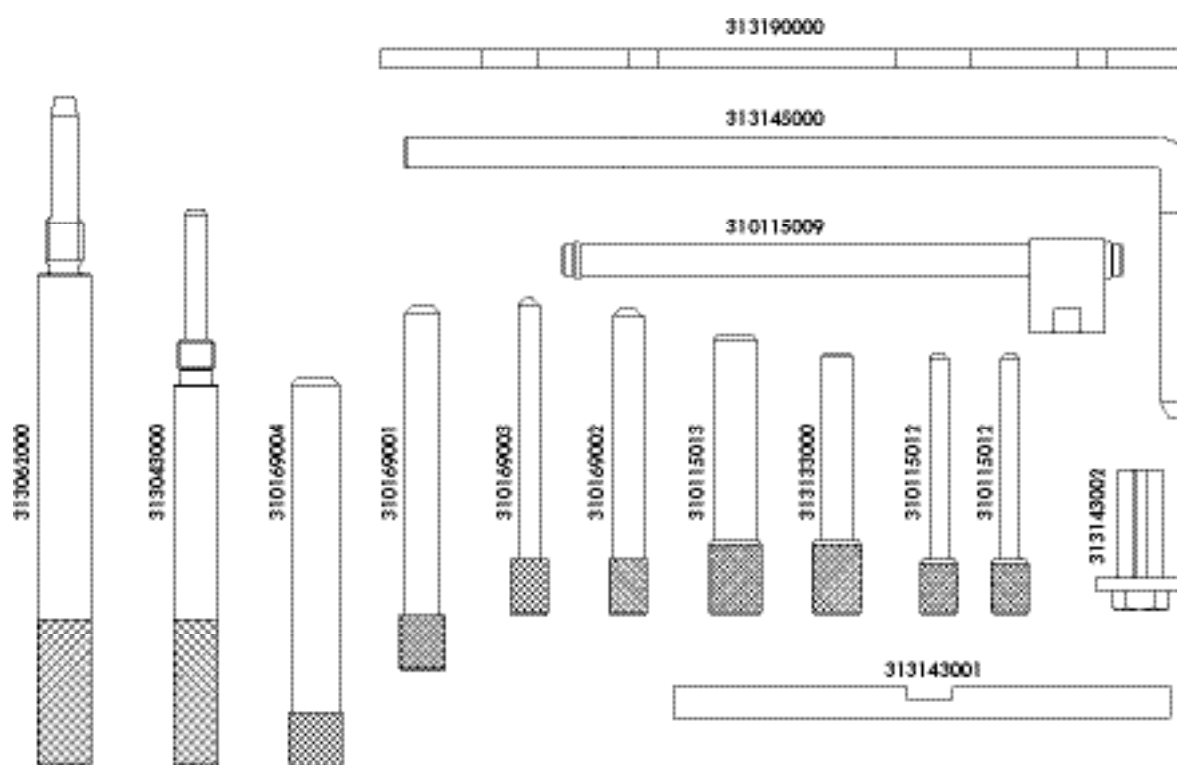
Adattabile per VOLVO, FORD, MAZDA diesel

Adaptable pour VOLVO, FORD, MAZDA diesel

FR

Suitable for VOLVO, FORD, MAZDA diesel engines

EN



Componenti

310169003	23-019	PERNO DI FASATURA ALBERO A CAMME / POMPA INIEZIONE	
310169002	21-123	PERNO DI FASATURA DELL'ALBERO A CAMME	
310169001	23-029	PERNO DI FASATURA DELLA POMPA INIEZIONE	
310115009	0118-J2	ATTREZZO TENDICINGHIA ALBERO CAMME	
313043000	21-104; 303-193	PERNO BLOCCAGGIO ALBERO MOTORE	
313143001	303-393; 21-168; 303-1272; 303-393-1	ATTREZZO BLOCCA VOLANO	
313143002		ATTREZZO PER BLOCCA VOLANO + VITI	

Componenti

310115013	0194-C	ATTREZZO BLOCCA VOLANO	
310115012	0194-A; 132-AB; 11 0 300	ATTREZZO DI BLOCCAGGIO DEL PIGNONE ALBERO A CAMME (N.2 PZ)	
313133000	0194-B; 11 9 790	ATTREZZO DI ALLINEAMENTO ALBERO MOTORE	
313145000	0188-X; 303-1059; 303-1270	PERNO DI FASATURA VOLANO	
310169004	23-020	PERNO DI FASATURA VOLANO	
313062000	21-104; 303-193	PERNO BLOCCAGGIO ALBERO MOTORE	
313190000	303-376; 303-376B; 21-162B; 303-367	BARRA DI BLOCCAGGIO ALBERO A CAMME	

PRECAUZIONI SPECIALI - LEGGERE ATTENTAMENTE

- **Utilizzare guanti antinfortunistici, scarpe antinfortunistiche, elmetto e occhiali di protezione**

- **Uso improprio:**

Il prodotto deve essere destinato solo ed esclusivamente all'uso descritto in questa documentazione, ogni altro uso è da considerarsi improprio.

Il produttore declina ogni responsabilità per possibili danni causati da usi errati o irragionevoli dell'attrezzatura;

L'uso improprio invalida inoltre la garanzia.

- **Tenere gli attrezzi con cura:**

Conservare sempre gli attrezzi puliti.

Riporre gli attrezzi all'interno della confezione originale.

- Scollegare il cavo della batteria dal polo negativo di terra (verificare il codice radio se disponibile)
- Rimuovere le candele o le candele per facilitare la rotazione del motore
- Non utilizzare detersivi liquidi su cinghie, pignoni o tensionatori
- Segnare il senso di rotazione della cinghia ausiliaria prima di rimuoverla
- Ruotare il motore in senso orario (antiorario solo se specificato)

- Non ruotare mai l'albero a camme, l'albero motore o la pompa d'iniezione diesel quando la catena è già stata rimossa (a meno che non sia specificato)
- Non utilizzare la catena di distribuzione per bloccare il motore quando si allentano o si stringono i bulloni della puleggia dell'albero motore
- Non ruotare l'albero motore o l'albero a camme quando la cinghia/catena è già stata rimossa
- Prima di rimuovere la catena, segnare la sua direzione
- È sempre consigliato ruotare il motore lentamente manualmente e riverificare il posizionamento dell'albero motore e dell'albero a camme
- Gli alberi a camme e motore possono essere ruotati solamente quando il meccanismo di azionamento della catena/cinghia è completamente installato.
- Non ruotare il motore azionando l'albero a camme o altri ingranaggi
- Verificare la corretta posizione della pompa d'iniezione diesel dopo aver sostituito la catena
- Osservare tutte le coppie di serraggio
- Attenersi sempre al manuale della casa costruttrice o al libretto d'istruzioni fornito
- Una fasatura del motore non precisa o sbagliata comporta il danneggiamento delle valvole

APPLICAZIONE

FORD	Fiesta, Fusion, Focus, Focus C-Max, C-Max, B-Max; S-Max, Galaxy, Mondeo, Ecosport	1.4D TDCi	F6JA, F6JB, F6JC, F6JD	2002-2009 2004-2009 2003-2007 2007-2009
		1.5D TDCi	UGJC	
		1.6D TDCi	TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF	
		1.8D	RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK	
		1.8D TCI	RFN	
		1.8D TDdi	BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B	
		1.8D TDCi	FFBA, FFWA, KHBA, QYBA, QYWA	
		1.8D TDCi	KKDB	
		1.8D Turbo	C9DC	
		1.8D Turbo	RVA	
		2.0D TDCi	G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,	
		2.2 TDCi	Q4BA, KNBA, QXBA, QXWA, QXBB	
		2.5D	4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC	
		2.5D Turbo	4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD	
VOLVO	S40 (03-10); S80 (07-10); V50 (06-10); V70 (07-10); C30 (06-10); C70 (06-10)	1.6D	D4164T	2003-2010 2006-2010 2007-2010
		2.0D	D420T	
MAZDA	2, 3	1.4D TDCi	F6JA, F6JB	2002-2009 2004-2009
		1.6D 8V	MZ-CD 1.6	
PEUGEOT	1007	1.6 Hdi	DV6TED4 (9HZ)	2006-2010
	206		DV6TED4 (9HZ)	2004-2007
	206		DV6TED4 (9HY)	2004-2007
	206		DV6ATED4 (9HX)	2004-2007
	206 Cc		DV6TED4 (9HZ)	2005-2007
	207		DV6ATED4 (9HX)	2006-2010
	207		DV6TED4 (9HZ)	2006-2010
	207		DV6TED4 (9HY)	2006-2010
	207		DV6TED4 (9HV)	2007-2010
	207		DV6C (9HR)	2010-2013
	207		DV6D (9HP)	2010-2013
	207 Cc		DV6TED4 (9HZ)	2007-2010
	207 Cc		DV6C (9HR)	2010-2014
	208		DV6C (9HR)	2012-2014
	208		DV6C (9HP)	2012-2014
	208		DV6C (9HD)	2012-2014
	301		DV6DTEd (9HP)	2012-2014

APPLICAZIONE

PEUGEOT	301	1.6 Hdi	DV6DM (9HJ)	2012-2014
	307		DV6TED4 (9HY)	2004-2008
	307		DV6ATED4 (9HX)	2004-2008
	307		DV6TED4 (9HZ)	2005-2008
	307		DV6TED4 (9HV)	2005-2008
	308		DV6TED4 (9HY)	2007-2011
	308		DV6ATED4 (9HX)	2007-2011
	308		DV6TED4 (9HZ)	2007-2011
	308		DV6TED4 (9HV)	2007-2011
	308		DV6C (9HR)	2009-2014
	308		DV6DTED (9HP)	2009-2014
	308		DV6DTEDM (9HJ)	2011-2014
	308		DV6CM (9HG)	2011-2014
	308 Cc		DV6TED4 (9HZ)	2009-2010
	308 Cc		DV6C (9HR)	2009-2014
	407		DV6TED4 (9HZ)	2004-2011
	407		DV6TED4 (9HY)	2005-2011
	508		DV6C (9HR)	2011-2014
	508		DV6C (9HL)	2011-2014
	2008		DV6C (9HC)	2013-2014
	2008		DV6D (9HP)	2013-2014
	3008		DV6TED4 (9HZ)	2009-2011
	3008		DV6C (9HR)	2010-2014
	5008		DV6TED4 (9HZ)	2009-2010
	5008		DV6C (9HR)	2010-2014
	4008		DV6C (9HR)	2012-2014
	4008		DV6C (9HD)	2012-2014
	Partener/Ranch I/li		DV6TED4 (9HW)	2005-2011
	Partener/Ranch I/li		DV6TED4 (9HX)	2005-2010
	Partner Iii		DV6AUTED4 (9HX)	2008-2012
	Partner Iii		DV6BUTED4 (9HT)	2008-2012
	Partner Iii		DV6TED4B (9HV)	2008-2012
	Partner Iii		DV6BTED4 (9HT)	2008-2012
	Partner Iii		DV6ATED4 (9HX)	2008-2012
	Partner Iii		DV6BTED4 (9HW)	2008-2012
	Expert Iii		DV6UTED4 (9HU)	2007-2012
	Expert Iii		DV6UC (9HM)	2011-2014
	Expert Iii		DV6DU M (9HH)	2011-2014
CITROËN	C2	1.6 Hdi	9HZ (DV6TED4)	2007-2010
	C3 I/li		9HZ (DV6TED4)	2005-2010
	C3 I/li		9HX (DV6ATED4)	2005-2010
	C3 I/li		9HY (DV6TED4)	2008-2010
	C3 Iii		9HX (DV6ATED4)	2010-2010
	C3 Iii		9HR (DV6C)	2010-2012
	C3 Iii		9HP (DV6DTED)	2010-2014

APPLICAZIONE

CITROËN	C3 Picasso	1.6 Hdi	9HX (DV6ATED4)	2009-2010
	C3 Picasso		9HZ (DV6TED4)	2009-2010
	C3 Picasso		9HR (DV6C)	2010-2014
	C3 Picasso		9HP (DV6DTED)	2010-2014
	Ds3/Ds3 Cabrio		9HP (DV6DTED)	2009-2014
	Ds3/Ds3 Cabrio		9HR (DV6C)	2009-2012
	Ds3/Ds3 Cabrio		9HL (DV6C)	2010-2012
	C-Elysee		9HP (DV6DTED)	2012-2014
	C-Elysee		9HJ (DV6DM)	2012-2014
	Xsara Picasso		9HY (DV6TED4)	2004-2010
	Xsara Picasso		9HZ (DV6TED4)	2005-2010
	Xsara Picasso		9HX (DV6ATED4)	2007-2010
	C4		9HZ (DV6TED4)	2004-2011
	C4		9HX (DV6ATED4)	2004-2011
	C4		9HY (DV6TED4)	2004-2011
	C4		9HV (DV6TED4B)	2007-2011
	C4		9HX (DV6TED4)	2004-2009
	C4 li		9HP (DV6DTED)	2011-2014
	C4 li		9HR (DV6C)	2011-2014
	C4 Picasso/Grand Picasso		9HZ (DV6TED4)	2006-2010
	C4 Picasso/Grand Picasso		9HY (DV6TED4)	2006-2010
	C4 Picasso/Grand Picasso		9HR (DV6C)	2010-2013
	C4 Picasso/Grand Picasso		9HL (DV6C)	2010-2013
	Ds4		9HR (DV6C)	2011-2014
	Ds4		9HP (DV6D)	2011-2014
	C5 li		9HZ (DV6TED4)	2004-2008
	C5 li		9HY (DV6TED4)	2005-2008
	C5 Iii		9HZ (DV6TED4)	2007-2011
	C5 Iii		9HL (DV6C)	2009-2012
	C5 Iii		9HR (DV6C)	2010-2012
	C5 Iii		9HG (DV6CM)	2012-2014
	Ds5		9HR (DV6C)	2012-2012
	Ds5		9HL (DV6C)	2012-2012
	Berlingo I/li		9HY (DV6TED4)	2005-2010
	Berlingo I/li		9HX (DV6ATED4)	2005-2010
	Berlingo I/li		9HW (DV6BTED4)	2005-2011
	Berlingo Iii		9HT (DV6BUTED4)	2008-2012
	Berlingo Iii		9HZ (DV6TED4)	2008-2012
	Berlingo Iii		9HV (DV6TED4B)	2008-2012
	Berlingo Iii		9HX (DV6ATED4)	2008-2012
	Berlingo Iii		9HS (DV6TED4BU)	2009-2012
	Berlingo Iii		9HW (DV6BTED4)	2010-2014
	Berlingo Iii		9HP (DV6DTED)	2010-2014
	Berlingo Iii		9HJ (DV6DTED)	2010-2014
	Berlingo Iii		9HN (DV6ETED)	2010-2014

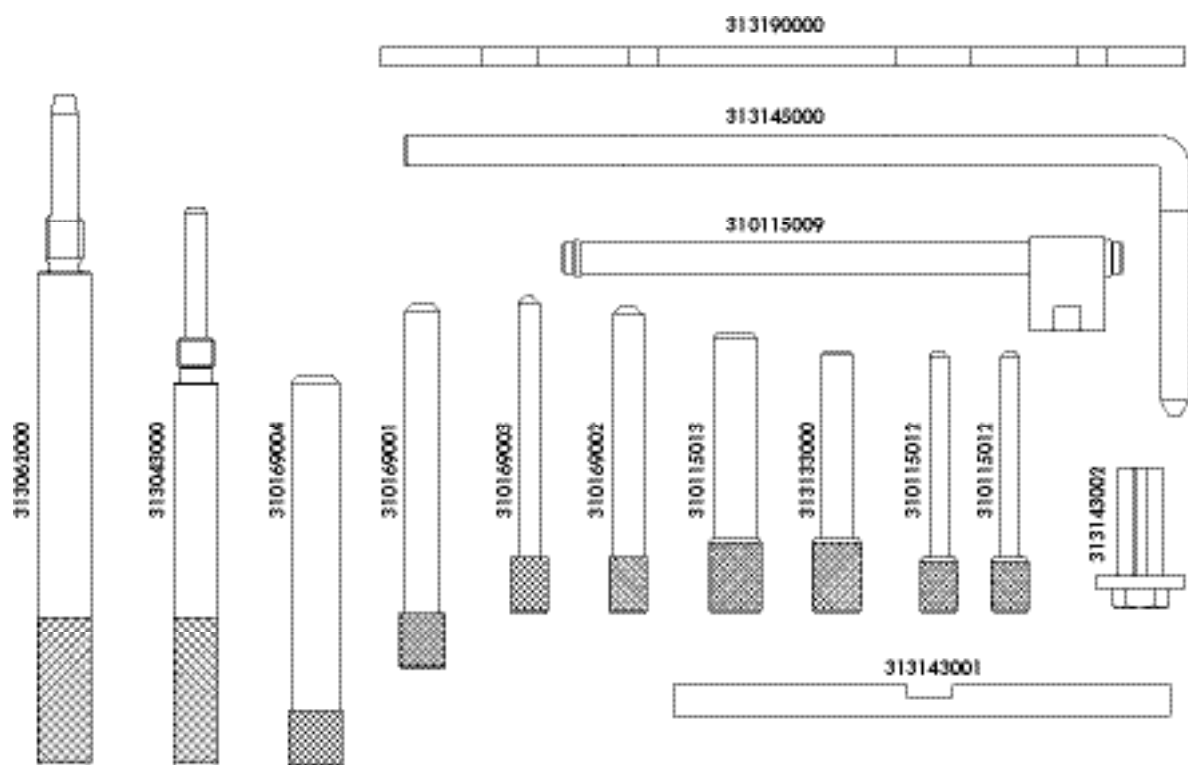
APPLICAZIONE

Berlingo Iii	1.6 Hdi	9HR (DV6C)	2010-2014
Berlingo Iii		9HL (DV6C)	2010-2014
Berlingo Iii		9HF (DV6DTED)	2010-2014
Dispatch/Jumpy Iii		9HU (DV6UTED4)	2007-2012
Dispatch/Jumpy Iii		9HM (DV6UC)	2011-2012
Dispatch/Jumpy Iii		9HH (DV6DU)	2011-2014

Per i motori Peugeot-Citroën non sono forniti attrezzi per operare sugli organi ausiliari

FORD, MAZDA, VOLVO	Codice OEM					
	23-019	21-123	23-029	0118-J2	21-104; 303-193	303-393; 303-393-1; 21-168; 303-1272
F6JA, F6JB, F6JC, F6JD				•		
TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF				•	•	•
RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK		•		•	•	
RFN			•			
BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B						•
FFBA, FFWA, KHBA, QYBA, QYWA						•
KKDB						•
C9DC						•
RVA	•					
G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,					•	•
Q4BA, KNBA, QXBA, QXWA, QXBB					•	•
4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC	•	•				
4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD	•	•	•			
D4164T						
D420T						
F6JA, F6JB					•	
MZ-CD 1.6					•	

FORD, MAZDA, VOLVO	Codice OEM						
	21-262; 303-734; 0194-C	0194-A; 11 9 790; 21-260; 303-732	0194-B; 303-735; 21-263; 11 0 300	0188-X; 303-1059; 303-1270	23-020	21-104; 303-193	303-376; 303-376B; 21-162B; 303-367
Codice motore							
9HF (DV6DTED), 9HG (DV6CM), 9HH (DV6DU), 9HJ (DV6DM), 9HJ (DV6DTED), 9HL (DV6C), 9HM (DV6UC), 9HN (DV6ETED), 9HP (DV6D), 9HP (DV6DTED), 9HR (DV6C), 9HS (DV6TED4BU), 9HT (DV6BUTED4), 9HU (DV6UTED4), 9HV (DV6TED4B), 9HW (DV6BTED4), 9HX (DV6ATED4), 9HX (DV6TED4), 9HY (DV6TED4), 9HZ (DV6TED4), DV6ATED4 (9HX), DV6AUTED4 (9HX), DV6BTED4 (9HT), DV6BTED4 (9HW), DV6BUTED4 (9HT), DV6C (9HC), DV6C (9HD), DV6C (9HL), DV6C (9HP), DV6C (9HR), DV6CM (9HG), DV6D (9HP), DV6DM (9HJ), DV6DTED (9HP), DV6DTEDM (9HJ), DV6DU M (9HH), DV6TED4 (9HV), DV6TED4 (9HZ), DV6TED4 (9HY), DV6TED4 (9HW), DV6TED4 (9HX), DV6TED4B (9HV), DV6UTED4 (9HU), DV6UC (9HM),	•	•	•				
F6JA, F6JB, F6JC, F6JD	•	•	•				
TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF		•	•				
RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK						•	
RFN						•	•
BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B						•	•
FFBA, FFWA, KHBA, QYBA, QYWA						•	•
KKDB						•	•
C9DC						•	•
RVA						•	•
G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,			•	•			
Q4BA, KNBA, QXBA, QXWA, QXBB			•	•			
4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC					•		
4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD					•		
D4164T							
D420T							
F6JA, F6JB	•	•	•				
MZ-CD 1.6	•	•	•				
UGJC	•	•	•				



Composants

310169003	23-019	PIGE DE CALAGE ARBRE À CAMES / POMPE D'INJECTION	
310169002	21-123	PIVOT DE CALAGE ARBRE À CAMES	
310169001	23-029	PIGE DE CALAGE DE POMPE D'INJECTION	
310115009	0118-J2	OUTIL TENSIONNEUR DE COURROIE ARBRES À CAMES	
313043000	21-104; 303-193	PIGE DE CALAGE DE L'ARBRE MOTEUR	
313143001	303-393; 21-168; 303-1272; 303-393-1	OUTIL BLOQUE-VOLANT	
313143002		OUTIL POUR OUTIL BLOQUE-VOLANT + VIS	

Composants

310115013	0194-C	OUTIL BLOQUE-VOLANT	
310115012	0194-A; 132-AB; 11 0 300	OUTIL DE BLOCAGE DE PIGNON D'ARBRE À CAMES	
313133000	0194-B; 11 9 790	OUTIL D'ALIGNEMENT VILEBREQUIN	
313145000	0188-X; 303-1059; 303-1270	PIGE DE CALAGE DU VOLANT MOTEUR	
310169004	23-020	PIGE DE CALAGE DU VOLANT MOTEUR	
313062000	21-104; 303-193	PIGE DE CALAGE DE L'ARBRE MOTEUR	
313190000	303-376; 303-376B; 21-162B; 303-367	BARRE DE VERROUILLAGE ARBRE À CAMES	

PRÉCAUTIONS SPÉCIALES - LIRE ATTENTIVEMENT

- **Utiliser des gants anti-accident, des chaussures anti-accident, un casque de protection et des lunettes de protection**

- **Usage impropre:**

Le produit ne doit être utilisé que pour l'usage prévu dans la présente documentation. Tout autre usage doit être considéré comme impropre.

Le producteur décline toute responsabilité pour tout dommage découlant d'usages erronés ou irraisonnables de l'équipement.

L'usage impropre annule la garantie.

- **Prendre bien soin des outils:**

Toujours garder les outils bien propres.

Ranger les outils dans leur emballage d'origine.

- Débrancher le câble de la batterie du pôle négatif de terre (vérifier le code radio si disponible)
- Enlever les bougies afin de faciliter la rotation du moteur
- Ne pas utiliser de détergents liquides sur les courroies, les pignons et les tensionneurs
- Indiquer le sens de rotation de la courroie auxiliaire avant de l'enlever
- Faire tourner le moteur dans le sens des aiguilles d'une

montre (contraire seulement si spécifié)

- Ne jamais faire tourner l'arbre à cames, l'arbre moteur ou la pompe d'injection diesel lorsque la chaîne a déjà été enlevé (à moins que ce soit spécifié)
- Ne pas utiliser la chaîne de distribution pour bloquer le moteur quand les boulons de la poulie de l'arbre moteur se serrent ou se desserrent
- Ne pas faire tourner l'arbre moteur ou l'arbre à came lorsque la courroie/chaîne a déjà été enlevée
- Avant d'enlever la chaîne, indiquer sa direction
- Il est toujours conseillé de faire tourner lentement le moteur de façon manuelle et de vérifier le positionnement de l'arbre moteur et de l'arbre à cames.
- Les arbres à cames et moteur peuvent être tournés seulement lorsque le mécanisme d'actionnement de la chaîne/courroie est complètement installé.
- Ne pas faire tourner le moteur en actionnant l'arbre à cames ou d'autres engrenages
- Vérifier la position correcte de la pompe d'injection diesel après avoir remplacé la chaîne
- Observer tous les couples de serrage
- Toujours se reporter au manuel de maison constructrice ou au mode d'emploi fourni
- Une synchronisation du moteur imprécise ou ratée entraîne l'endommagement des vannes

APPLICATION

FORD	Fiesta, Fusion, Focus, Focus C-Max, C-Max, B-Max; S-Max, Galaxy, Mondeo, Ecosport	1.4D TDCi	F6JA, F6JB, F6JC, F6JD	2002-2009 2004-2009 2003-2007 2007-2009
		1.5D TDCi	UGJC	
		1.6D TDCi	TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF	
		1.8D	RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK	
		1.8D TCI	RFN	
		1.8D TDdi	BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B	
		1.8D TDCi	FFBA, FFWA, KHBA, QYBA, QYWA	
		1.8D TDCi	KKDB	
		1.8D Turbo	C9DC	
		1.8D Turbo	RVA	
		2.0D TDCi	G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,	
		2.2 TDCi	Q4BA, KNBA, QXBA, QXWA, QXBB	
		2.5D	4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC	
		2.5D Turbo	4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD	
VOLVO	S40 (03-10); S80 (07-10); V50 (06-10); V70 (07-10); C30 (06-10); C70 (06-10)	1.6D	D4164T	2003-2010 2006-2010 2007-2010
		2.0D	D420T	
MAZDA	2, 3	1.4D TDCi	F6JA, F6JB	2002-2009 2004-2009
		1.6D 8V	MZ-CD 1.6	
PEUGEOT	1007	1.6 Hdi	DV6TED4 (9HZ)	2006-2010
	206		DV6TED4 (9HZ)	2004-2007
	206		DV6TED4 (9HY)	2004-2007
	206		DV6ATED4 (9HX)	2004-2007
	206 Cc		DV6TED4 (9HZ)	2005-2007
	207		DV6ATED4 (9HX)	2006-2010
	207		DV6TED4 (9HZ)	2006-2010
	207		DV6TED4 (9HY)	2006-2010
	207		DV6TED4 (9HV)	2007-2010
	207		DV6C (9HR)	2010-2013
	207		DV6D (9HP)	2010-2013
	207 Cc		DV6TED4 (9HZ)	2007-2010
	207 Cc		DV6C (9HR)	2010-2014
	208		DV6C (9HR)	2012-2014
	208		DV6C (9HP)	2012-2014
	208		DV6C (9HD)	2012-2014
	301		DV6DTED (9HP)	2012-2014

APPLICATION

PEUGEOT	301	1.6 Hdi	DV6DM (9HJ)	2012-2014
	307		DV6TED4 (9HY)	2004-2008
	307		DV6ATED4 (9HX)	2004-2008
	307		DV6TED4 (9HZ)	2005-2008
	307		DV6TED4 (9HV)	2005-2008
	308		DV6TED4 (9HY)	2007-2011
	308		DV6ATED4 (9HX)	2007-2011
	308		DV6TED4 (9HZ)	2007-2011
	308		DV6TED4 (9HV)	2007-2011
	308		DV6C (9HR)	2009-2014
	308		DV6DTED (9HP)	2009-2014
	308		DV6DTEDM (9HJ)	2011-2014
	308		DV6CM (9HG)	2011-2014
	308 Cc		DV6TED4 (9HZ)	2009-2010
	308 Cc		DV6C (9HR)	2009-2014
	407		DV6TED4 (9HZ)	2004-2011
	407		DV6TED4 (9HY)	2005-2011
	508		DV6C (9HR)	2011-2014
	508		DV6C (9HL)	2011-2014
	2008		DV6C (9HC)	2013-2014
	2008		DV6D (9HP)	2013-2014
	3008		DV6TED4 (9HZ)	2009-2011
	3008		DV6C (9HR)	2010-2014
	5008		DV6TED4 (9HZ)	2009-2010
	5008		DV6C (9HR)	2010-2014
	4008		DV6C (9HR)	2012-2014
	4008		DV6C (9HD)	2012-2014
	Partener/Ranch I/li		DV6TED4 (9HW)	2005-2011
	Partener/Ranch I/li		DV6TED4 (9HX)	2005-2010
	Partner Iii		DV6AUTED4 (9HX)	2008-2012
	Partner Iii		DV6BUTED4 (9HT)	2008-2012
	Partner Iii		DV6TED4B (9HV)	2008-2012
	Partner Iii		DV6BTED4 (9HT)	2008-2012
	Partner Iii		DV6ATED4 (9HX)	2008-2012
	Partner Iii		DV6BTED4 (9HW)	2008-2012
	Expert Iii		DV6UTED4 (9HU)	2007-2012
	Expert Iii		DV6UC (9HM)	2011-2014
	Expert Iii		DV6DU M (9HH)	2011-2014
CITROËN	C2	1.6 Hdi	9HZ (DV6TED4)	2007-2010
	C3 I/li		9HZ (DV6TED4)	2005-2010
	C3 I/li		9HX (DV6ATED4)	2005-2010
	C3 I/li		9HY (DV6TED4)	2008-2010
	C3 Iii		9HX (DV6ATED4)	2010-2010
	C3 Iii		9HR (DV6C)	2010-2012
	C3 Iii		9HP (DV6DTED)	2010-2014

APPLICATION

CITROËN	C3 Picasso	1.6 Hdi	9HX (DV6ATED4)	2009-2010
	C3 Picasso		9HZ (DV6TED4)	2009-2010
	C3 Picasso		9HR (DV6C)	2010-2014
	C3 Picasso		9HP (DV6DTED)	2010-2014
	Ds3/Ds3 Cabrio		9HP (DV6DTED)	2009-2014
	Ds3/Ds3 Cabrio		9HR (DV6C)	2009-2012
	Ds3/Ds3 Cabrio		9HL (DV6C)	2010-2012
	C-Elysee		9HP (DV6DTED)	2012-2014
	C-Elysee		9HJ (DV6DM)	2012-2014
	Xsara Picasso		9HY (DV6TED4)	2004-2010
	Xsara Picasso		9HZ (DV6TED4)	2005-2010
	Xsara Picasso		9HX (DV6ATED4)	2007-2010
	C4		9HZ (DV6TED4)	2004-2011
	C4		9HX (DV6ATED4)	2004-2011
	C4		9HY (DV6TED4)	2004-2011
	C4		9HV (DV6TED4B)	2007-2011
	C4		9HX (DV6TED4)	2004-2009
	C4 li		9HP (DV6DTED)	2011-2014
	C4 li		9HR (DV6C)	2011-2014
	C4 Picasso/Grand Picasso		9HZ (DV6TED4)	2006-2010
	C4 Picasso/Grand Picasso		9HY (DV6TED4)	2006-2010
	C4 Picasso/Grand Picasso		9HR (DV6C)	2010-2013
	C4 Picasso/Grand Picasso		9HL (DV6C)	2010-2013
	Ds4		9HR (DV6C)	2011-2014
	Ds4		9HP (DV6D)	2011-2014
	C5 li		9HZ (DV6TED4)	2004-2008
	C5 li		9HY (DV6TED4)	2005-2008
	C5 Iii		9HZ (DV6TED4)	2007-2011
	C5 Iii		9HL (DV6C)	2009-2012
	C5 Iii		9HR (DV6C)	2010-2012
	C5 Iii		9HG (DV6CM)	2012-2014
	Ds5		9HR (DV6C)	2012-2012
	Ds5		9HL (DV6C)	2012-2012
	Berlingo I/li		9HY (DV6TED4)	2005-2010
	Berlingo I/li		9HX (DV6ATED4)	2005-2010
	Berlingo I/li		9HW (DV6BTED4)	2005-2011
	Berlingo Iii		9HT (DV6BUTED4)	2008-2012
	Berlingo Iii		9HZ (DV6TED4)	2008-2012
	Berlingo Iii		9HV (DV6TED4B)	2008-2012
	Berlingo Iii		9HX (DV6ATED4)	2008-2012
	Berlingo Iii		9HS (DV6TED4BU)	2009-2012
	Berlingo Iii		9HW (DV6BTED4)	2010-2014
	Berlingo Iii		9HP (DV6DTED)	2010-2014
	Berlingo Iii		9HJ (DV6DTED)	2010-2014
	Berlingo Iii		9HN (DV6ETED)	2010-2014

APPLICATION

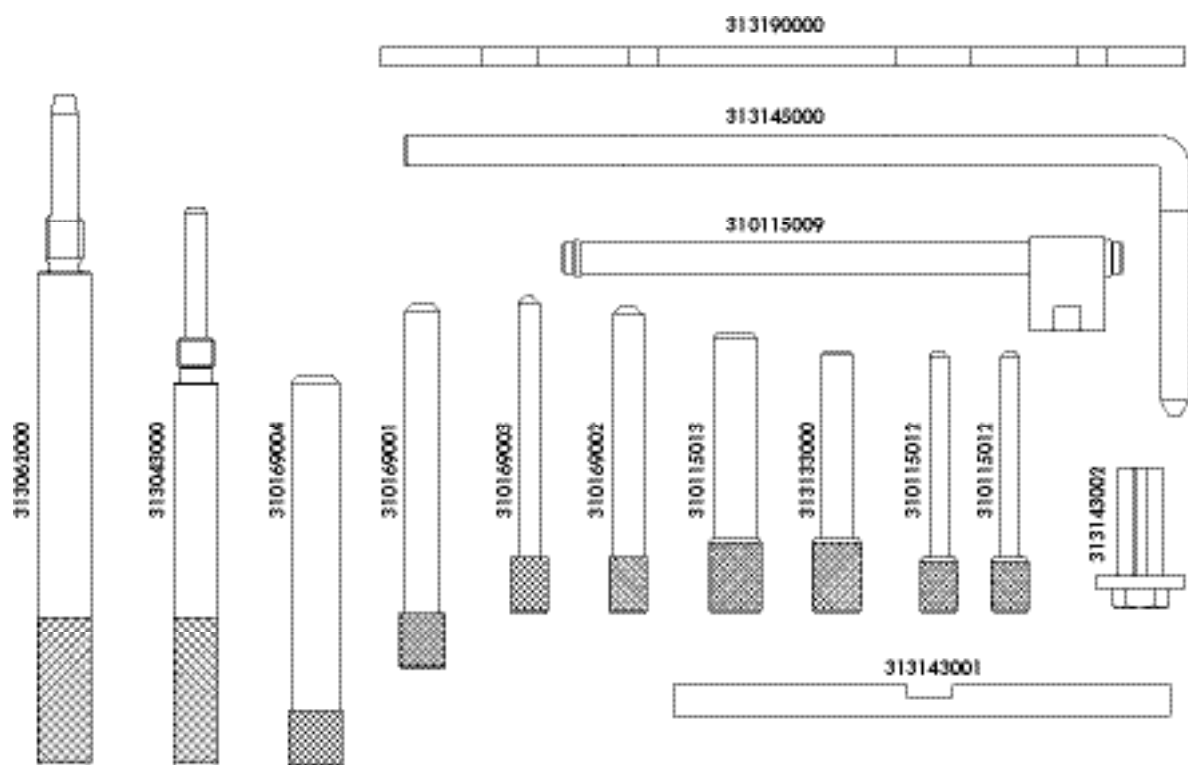
Berlingo Iii	1.6 Hdi	9HR (DV6C)	2010-2014
Berlingo Iii		9HL (DV6C)	2010-2014
Berlingo Iii		9HF (DV6DTED)	2010-2014
Dispatch/Jumpy Iii		9HU (DV6UTED4)	2007-2012
Dispatch/Jumpy Iii		9HM (DV6UC)	2011-2012
Dispatch/Jumpy Iii		9HH (DV6DU)	2011-2014

Outils de système auxiliaires ne sont pas prévus pour les moteurs Peugeot-Citroën Motorsport

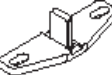
FORD, MAZDA, VOLVO

Code moteur	Code OEM					
	23-019	21-123	23-029	0118-J2	21-104; 303-193	303-393; 303-393-1; 21-168; 303-1272
F6JA, F6JB, F6JC, F6JD				•		
TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF				•	•	•
RTA, RTB, RTC, RTD, RTG, RTE, RTE, RTH, RTJ, RTK		•		•	•	
RFN			•			
BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B						•
FFBA, FFWA, KHBA, QYBA, QYWA						•
KKDB						•
C9DC						•
RVA	•					
G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,					•	•
Q4BA, KNBA, QXBA, QXWA, QXBB					•	•
4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC	•	•				
4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD	•	•	•			
D4164T						
D420T						
F6JA, F6JB					•	
MZ-CD 1.6					•	

FORD, MAZDA, VOLVO Code moteur	Code OEM						
	21-262; 303-734; 0194-C	0194-A; 11 9 790; 21-260; 303-732	0194-B; 303-735; 21-263; 11 0 300	0188-X; 303-1059; 303-1270	23-020	21-104; 303-193	303-376; 303-376B; 21-162B; 303-367
9HF (DV6DTED), 9HG (DV6CM), 9HH (DV6DU), 9HJ (DV6DM), 9HJ (DV6DTED), 9HL (DV6C), 9HM (DV6UC), 9HN (DV6ETED), 9HP (DV6D), 9HP (DV6DTED), 9HR (DV6C), 9HS (DV6TED4BU), 9HT (DV6BUTED4), 9HU (DV6UTED4), 9HV (DV6TED4B), 9HW (DV6BTED4), 9HX (DV6ATED4), 9HX (DV6TED4), 9HY (DV6TED4), 9HZ (DV6TED4), DV6ATED4 (9HX), DV6AUTED4 (9HX), DV6BTED4 (9HT), DV6BTED4 (9HW), DV6BUTED4 (9HT), DV6C (9HC), DV6C (9HD), DV6C (9HL), DV6C (9HP), DV6C (9HR), DV6CM (9HG), DV6D (9HP), DV6DM (9HJ), DV6DTED (9HP), DV6DTEDM (9HJ), DV6DU M (9HH), DV6TED4 (9HV), DV6TED4 (9HZ), DV6TED4 (9HY), DV6TED4 (9HW), DV6TED4 (9HX), DV6TED4B (9HV), DV6UTED4 (9HU), DV6UC (9HM),	.	.	.				
F6JA, F6JB, F6JC, F6JD	.	.	.				
TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF		.	.				
RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK						.	
RFN						.	.
BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B						.	.
FFBA, FFWA, KHBA, QYBA, QYWA						.	.
KKDB						.	.
C9DC						.	.
RVA						.	.
G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,			.	.			
Q4BA, KNBA, QXBA, QXWA, QXBB			.	.			
4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC					.		
4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD					.		
D4164T							
D420T							
F6JA, F6JB	.	.	.				
MZ-CD 1.6	.	.	.				
UGJC	.	.	.				



Components

310169003	23-019	CAMSHAFT TIMING PIN/INJECTION PUMP TIMING PIN	
310169002	21-123	SETTING PIN	
310169001	23-029	INJECTION PUMP TIMING PIN	
310115009	0118-J2	CAM BELT TENSIONER TOOL	
313043000	21-104; 303-193	CRANKSHAFT TIMING PIN	
313143001	303-393; 21-168; 303-1272; 303-393-1	FLYWHEEL LOCKING TOOL	
313143002		TOOL FOR FLYWHEEL LOCKING TOOL + SCREW	

310115013	0194-C	FLYWHEEL LOCKING TOOL	
310115012	0194-A; 132-AB; 11 0 300	CAMSHAFT SPROCKET LOCKING TOOL (N. 2)	
313133000	0194-B; 11 9 790	CRANKSHAFT ALIGNING TOOL	
313145000	0188-X; 303-1059; 303-1270	FLYWHEEL TIMING PIN	
310169004	23-020	SETTING PIN	
313062000	21-104; 303-193	CRANKSHAFT TIMING PIN	
313190000	303-376; 303-376B; 21-162B; 303-367	CAMSHAFT SETTING BAR	

SAFETY PRECAUTIONS - PLEASE READ

- **Use protective work gloves, protective footwear, hard hat and safety goggles**

- **Misuse:**

This product should only be used as described in this documentation; any other use is considered improper. The manufacturer accepts no responsibility for any damage caused by the incorrect or unreasonable use of the equipment; Moreover, misuse shall also void the warranty.

- **Take care of your tools:**

Be sure to store your tools in a clean state. Place the tools inside their original package.

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)

- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing
- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves
- It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions

APPLICATION

FORD	Fiesta, Fusion, Focus, Focus C-Max, C-Max, B-Max; S-Max, Galaxy, Mondeo, Ecosport	1.4D TDCi	F6JA, F6JB, F6JC, F6JD	2002-2009 2004-2009 2003-2007 2007-2009
		1.5D TDCi	UGJC	
		1.6D TDCi	TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF	
		1.8D	RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK	
		1.8D TCI	RFN	
		1.8D TDdi	BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B	
		1.8D TDCi	FFBA, FFWA, KHBA, QYBA, QYWA	
		1.8D TDCi	KKDB	
		1.8D Turbo	C9DC	
		1.8D Turbo	RVA	
		2.0D TDCi	G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,	
		2.2 TDCi	Q4BA, KNBA, QXBA, QXWA, QXBB	
		2.5D	4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC	
		2.5D Turbo	4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD	
VOLVO	S40 (03-10); S80 (07-10); V50 (06-10); V70 (07-10); C30 (06-10); C70 (06-10)	1.6D	D4164T	2003-2010 2006-2010 2007-2010
		2.0D	D420T	
MAZDA	2, 3	1.4D TDCi	F6JA, F6JB	2002-2009 2004-2009
		1.6D 8V	MZ-CD 1.6	
PEUGEOT	1007	1.6 Hdi	DV6TED4 (9HZ)	2006-2010
	206		DV6TED4 (9HZ)	2004-2007
	206		DV6TED4 (9HY)	2004-2007
	206		DV6ATED4 (9HX)	2004-2007
	206 Cc		DV6TED4 (9HZ)	2005-2007
	207		DV6ATED4 (9HX)	2006-2010
	207		DV6TED4 (9HZ)	2006-2010
	207		DV6TED4 (9HY)	2006-2010
	207		DV6TED4 (9HV)	2007-2010
	207		DV6C (9HR)	2010-2013
	207		DV6D (9HP)	2010-2013
	207 Cc		DV6TED4 (9HZ)	2007-2010
	207 Cc		DV6C (9HR)	2010-2014
	208		DV6C (9HR)	2012-2014
	208		DV6C (9HP)	2012-2014
	208		DV6C (9HD)	2012-2014
	301		DV6DTED (9HP)	2012-2014

APPLICATION

PEUGEOT	301	1.6 Hdi	DV6DM (9HJ)	2012-2014
	307		DV6TED4 (9HY)	2004-2008
	307		DV6ATED4 (9HX)	2004-2008
	307		DV6TED4 (9HZ)	2005-2008
	307		DV6TED4 (9HV)	2005-2008
	308		DV6TED4 (9HY)	2007-2011
	308		DV6ATED4 (9HX)	2007-2011
	308		DV6TED4 (9HZ)	2007-2011
	308		DV6TED4 (9HV)	2007-2011
	308		DV6C (9HR)	2009-2014
	308		DV6DTED (9HP)	2009-2014
	308		DV6DTEDM (9HJ)	2011-2014
	308		DV6CM (9HG)	2011-2014
	308 Cc		DV6TED4 (9HZ)	2009-2010
	308 Cc		DV6C (9HR)	2009-2014
	407		DV6TED4 (9HZ)	2004-2011
	407		DV6TED4 (9HY)	2005-2011
	508		DV6C (9HR)	2011-2014
	508		DV6C (9HL)	2011-2014
	2008		DV6C (9HC)	2013-2014
	2008		DV6D (9HP)	2013-2014
	3008		DV6TED4 (9HZ)	2009-2011
	3008		DV6C (9HR)	2010-2014
	5008		DV6TED4 (9HZ)	2009-2010
	5008		DV6C (9HR)	2010-2014
	4008		DV6C (9HR)	2012-2014
	4008		DV6C (9HD)	2012-2014
	Partener/Ranch I/li		DV6TED4 (9HW)	2005-2011
	Partener/Ranch I/li		DV6TED4 (9HX)	2005-2010
	Partner Iii		DV6AUTED4 (9HX)	2008-2012
	Partner Iii		DV6BUTED4 (9HT)	2008-2012
	Partner Iii		DV6TED4B (9HV)	2008-2012
	Partner Iii		DV6BTED4 (9HT)	2008-2012
	Partner Iii		DV6ATED4 (9HX)	2008-2012
	Partner Iii		DV6BTED4 (9HW)	2008-2012
	Expert Iii		DV6UTED4 (9HU)	2007-2012
	Expert Iii		DV6UC (9HM)	2011-2014
	Expert Iii		DV6DU M (9HH)	2011-2014
CITROËN	C2	1.6 Hdi	9HZ (DV6TED4)	2007-2010
	C3 I/li		9HZ (DV6TED4)	2005-2010
	C3 I/li		9HX (DV6ATED4)	2005-2010
	C3 I/li		9HY (DV6TED4)	2008-2010
	C3 Iii		9HX (DV6ATED4)	2010-2010
	C3 Iii		9HR (DV6C)	2010-2012
	C3 Iii		9HP (DV6DTED)	2010-2014

APPLICATION

CITROËN	C3 Picasso	1.6 Hdi	9HX (DV6ATED4)	2009-2010
	C3 Picasso		9HZ (DV6TED4)	2009-2010
	C3 Picasso		9HR (DV6C)	2010-2014
	C3 Picasso		9HP (DV6DTED)	2010-2014
	Ds3/Ds3 Cabrio		9HP (DV6DTED)	2009-2014
	Ds3/Ds3 Cabrio		9HR (DV6C)	2009-2012
	Ds3/Ds3 Cabrio		9HL (DV6C)	2010-2012
	C-Elysee		9HP (DV6DTED)	2012-2014
	C-Elysee		9HJ (DV6DM)	2012-2014
	Xsara Picasso		9HY (DV6TED4)	2004-2010
	Xsara Picasso		9HZ (DV6TED4)	2005-2010
	Xsara Picasso		9HX (DV6ATED4)	2007-2010
	C4		9HZ (DV6TED4)	2004-2011
	C4		9HX (DV6ATED4)	2004-2011
	C4		9HY (DV6TED4)	2004-2011
	C4		9HV (DV6TED4B)	2007-2011
	C4		9HX (DV6TED4)	2004-2009
	C4 li		9HP (DV6DTED)	2011-2014
	C4 li		9HR (DV6C)	2011-2014
	C4 Picasso/Grand Picasso		9HZ (DV6TED4)	2006-2010
	C4 Picasso/Grand Picasso		9HY (DV6TED4)	2006-2010
	C4 Picasso/Grand Picasso		9HR (DV6C)	2010-2013
	C4 Picasso/Grand Picasso		9HL (DV6C)	2010-2013
	Ds4		9HR (DV6C)	2011-2014
	Ds4		9HP (DV6D)	2011-2014
	C5 li		9HZ (DV6TED4)	2004-2008
	C5 li		9HY (DV6TED4)	2005-2008
	C5 Iii		9HZ (DV6TED4)	2007-2011
	C5 Iii		9HL (DV6C)	2009-2012
	C5 Iii		9HR (DV6C)	2010-2012
	C5 Iii		9HG (DV6CM)	2012-2014
	Ds5		9HR (DV6C)	2012-2012
	Ds5		9HL (DV6C)	2012-2012
	Berlingo I/li		9HY (DV6TED4)	2005-2010
	Berlingo I/li		9HX (DV6ATED4)	2005-2010
	Berlingo I/li		9HW (DV6BTED4)	2005-2011
	Berlingo Iii		9HT (DV6BUTED4)	2008-2012
	Berlingo Iii		9HZ (DV6TED4)	2008-2012
	Berlingo Iii		9HV (DV6TED4B)	2008-2012
	Berlingo Iii		9HX (DV6ATED4)	2008-2012
	Berlingo Iii		9HS (DV6TED4BU)	2009-2012
	Berlingo Iii		9HW (DV6BTED4)	2010-2014
	Berlingo Iii		9HP (DV6DTED)	2010-2014
	Berlingo Iii		9HJ (DV6DTED)	2010-2014
	Berlingo Iii		9HN (DV6ETED)	2010-2014

APPLICATION

Berlingo Iii	1.6 Hdi	9HR (DV6C)	2010-2014
Berlingo Iii		9HL (DV6C)	2010-2014
Berlingo Iii		9HF (DV6DTED)	2010-2014
Dispatch/Jumpy Iii		9HU (DV6UTED4)	2007-2012
Dispatch/Jumpy Iii		9HM (DV6UC)	2011-2012
Dispatch/Jumpy Iii		9HH (DV6DU)	2011-2014

Auxiliary system tools are not provided for Peugeot-Citroën engines

FORD, MAZDA, VOLVO

Engine code	OEM code					
	23-019	21-123	23-029	0118-J2	21-104; 303-193	303-393; 303-393-1; 21-168; 303-1272
F6JA, F6JB, F6JC, F6JD				•		
TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF				•	•	•
RTA, RTB, RTC, RTD, RTG, RTE, RTE, RTH, RTJ, RTK		•		•	•	
RFN			•			
BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B						•
FFBA, FFWA, KHBA, QYBA, QYWA						•
KKDB						•
C9DC						•
RVA	•					
G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,					•	•
Q4BA, KNBA, QXBA, QXWA, QXBB					•	•
4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC	•	•				
4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD	•	•	•			
D4164T						
D420T						
F6JA, F6JB					•	
MZ-CD 1.6					•	

FORD, MAZDA, VOLVO Engine code	OEM code						
	21-262; 303-734; 0194-C	0194-A; 11 9 790; 21-260; 303-732	0194-B; 303-735; 21-263; 11 0 300	0188-X; 303-1059; 303-1270	23-020	21-104; 303-193	303-376; 303-376B; 21-162B; 303-367
9HF (DV6DTED), 9HG (DV6CM), 9HH (DV6DU), 9HJ (DV6DM), 9HJ (DV6DTED), 9HL (DV6C), 9HM (DV6UC), 9HN (DV6ETED), 9HP (DV6D), 9HP (DV6DTED), 9HR (DV6C), 9HS (DV6TED4BU), 9HT (DV6BUTED4), 9HU (DV6UTED4), 9HV (DV6TED4B), 9HW (DV6BTED4), 9HX (DV6ATED4), 9HX (DV6TED4), 9HY (DV6TED4), 9HZ (DV6TED4), DV6ATED4 (9HX), DV6AUTED4 (9HX), DV6BTED4 (9HT), DV6BTED4 (9HW), DV6BUTED4 (9HT), DV6C (9HC), DV6C (9HD), DV6C (9HL), DV6C (9HP), DV6C (9HR), DV6CM (9HG), DV6D (9HP), DV6DM (9HJ), DV6DTED (9HP), DV6DTEDM (9HJ), DV6DU M (9HH), DV6TED4 (9HV), DV6TED4 (9HZ), DV6TED4 (9HY), DV6TED4 (9HW), DV6TED4 (9HX), DV6TED4B (9HV), DV6UTED4 (9HU), DV6UC (9HM),	.	.	.				
F6JA, F6JB, F6JC, F6JD	.	.	.				
TZJA, TZJB, G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, HHJA, HHJB, HHJC, HHJD, HHJE, HHJF		.	.				
RTA, RTB, RTC, RTD, RTG, RTE, RTF, RTH, RTJ, RTK						.	
RFN						.	.
BHPA, HCPA, HCPB, KKDA, P7PA, P9PA, P9PB, R2PA, R3PA, RWPA, RWPC, F9DA/B						.	.
FFBA, FFWA, KHBA, QYBA, QYWA						.	.
KKDB						.	.
C9DC						.	.
RVA						.	.
G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, UFDB, TXDB, TYDA, UKDB, QXBA, QXBB, QXWA, QXWB, AZBA, KLBA, LPBA, AZBC, TYBA, UKBA, UFBA, TXBA, IXDA, QXWA, QXWB, AZWA, KLWA, AZWC, TYWA, UKWA, TXWA, UFWA, UFDA, TXDA, UKDA,			.	.			
Q4BA, KNBA, QXBA, QXWA, QXBB			.	.			
4BA, 4BB, 4BC 4CC, 4FA, 4CA, 4CB, 4DA, 4EA 4FA, 4FB, 4FC, 4FD, 4GA, 4HB, 4HC					.		
4EB, 4EC, 4ED 4GA, 4GB, 4GC, 4GD, 4GE, 4GF, 4HA, 4HD					.		
D4164T							
D420T							
F6JA, F6JB	.	.	.				
MZ-CD 1.6	.	.	.				
UGJC	.	.	.				



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