

GENERAL SPECIFICATIONS : DRIVESHAFTS

1. Application

N.B. : The wheel hubs are equipped with a bearing with integral magnetic wheel designed for the ABS system.

-	Engine legislative type	Type of gearbox	Driveshafts : Road wheel side	Driveshafts : Gearbox end	Identification marking : L.H. driveshaft	Identification marking : Right hand drive shaft
EW10A	RFJ	BE4	RZ 17,5	JB2T	8NN33	8NN34
DV6UTED4	9HZ					
DW10UTED4	RHK	ML6C	RZ20	JB3T	8NN35	8NN36
DW10BTED4	RHR					

2. Data

-	EW10A	DV6UTED4	DW10UTED4	DW10BTED4
Type of gearbox	BE4		ML6C	
Shaft dia. (in mm)	T26		T30	
Type of seal : Gearbox end	neoprene			
Type of seal : Road wheel side	Thermoplastic			

T26 : Plain driveshafts (26 mm diameter).

T30 : Tubular drive shafts (30 mm diameter).

3. Repair

CAUTION : During any operation necessitating the moving of the transmission , limit to the maximum the angle taken by the driveshaft in relation to the tripod.

TIGHTENING TORQUES : DRIVESHAFTS

1. Recommendation

CAUTION : Tighten the driveshaft nuts ; With the help of a torque spanner.

2. Tightening torques : Nut ; Driveshaft bearing

Vehicles	Nut	Front driveshaft bearing
C-ZERO	16 daNm	-
C1	21,6 daNm	-
C2	24,5 daNm	1 daNm
C3	24,5 daNm	2 daNm
C3 Pluriel		
C3 (A51)	24,5 daNm (30 mm spanner)	2 daNm
	32,5 daNm (35 mm spanner)	
C3 (Ai51 Mercosur)	24,5 daNm (30 mm spanner)	2 daNm
	32,5 daNm (35 mm spanner)	
DS3	24,5 daNm (30 mm spanner)	2 daNm
	32,5 daNm (35 mm spanner)	
C-ELYSEE	24,5 daNm	2 daNm
C-ELYSEE (China)	24,5 daNm	2 daNm
DS5	31,2 daNm	2 daNm
DS5 (B81 China)	31.2 daNm	2 daNm
C4	32 daNm	1,8 daNm
C4 (B7)	30,5 daNm	2 daNm
C4 I (B73 China)	32,5 daNm	2 daNm
C4 (B73 Russia)	32,5 daNm	2 daNm
C4 (B73 Mercosur)	32,5 daNm	2 daNm
C3 Aircross (Ai58 Mercosur)	24,5 daNm (30 mm spanner)	2 daNm
	32,5 daNm (35 mm spanner)	
C3 Picasso (Ai58 Mercosur)	24,5 daNm (30 mm spanner)	2 daNm
	32,5 daNm (35 mm spanner)	
C3 Picasso	32,5 daNm	2 daNm
C4 PICASSO		
C4 PICASSO (B78)	28,5 daNm	
XSARA PICASSO	32,5 daNm	
CITROEN C5 (X3), (X4)		
CITROEN C5 (X7), (XW)		
Berlingo	31,2 daNm	2 daNm
C6	34,5 daNm	2 daNm
C8		

DISPATCH	34,5 daNm	2 daNm
C15	Pre-tighten to 10 daNm	2 daNm
	Angular tightening of 60°	
NEMO	Pre-tighten to 7 daNm	-
	Angular tightening of 55°	-
RELAY	Pre-tighten to 15 daNm	-
	Angular tightening of 35°	-

3. Tightening torques : 4 wheel drive transmission

Vehicles	Transverse driveshaft nut (Front / Rear)	Longitudinal bearing bolt	Longitudinal driveshaft nuts on rear axle controlled clutch
C-Crosser	16 daNm	4 daNm	5,4 daNm
C4	14,4 daNm (Nut with pin)	4 daNm	5,4 daNm
Aircross	27 daNm (Nut without pin)		

4. Tightening torques : Hybrid vehicles

Vehicles	Front driveshaft nut	Rear driveshaft nut	Front driveshaft bearing	Rear driveshaft bearing
DS5	32,5 daNm	34,5 daNm	2 daNm	1 daNm

TIGHTENING TORQUES : ROAD WHEELS

1. recommendations

CAUTION : The use of impact wrenches to refit the wheel bolts and wheel anti-theft bolts is strictly prohibited.

CAUTION : The wheels are always tightened with dry bolts.

CAUTION : When installing a new steel wheel for the first time, Always double tighten the wheel, to avoid any risk of slackening.

N.B. : Double tightening consists of tightening to the specified torque followed by slackening then retightening to the specified torque.

Ensure that the anti-theft wrench is positioned correctly on refitting.

CAUTION : Tighten the wheel bolts using a torque wrench.

2. Tightening torques : road wheels

vehicles	Steel rims	aluminium rims
C-Zero	10 daNm	10 daNm
AX	9 daNm	10 daNm
SAXO	9 daNm	10 daNm
C1	10 daNm	10 daNm
C2	9 daNm	10 daNm
C2 China	9 daNm	10 daNm
C3	9 daNm	10 daNm
C3 Pluriel	9 daNm	10 daNm
C3 (A51)	10 daNm	10 daNm
DS3	10 daNm	10 daNm
C3 Picasso	10 daNm	10 daNm
C3 Aircross	10 daNm	10 daNm
ZX	9 daNm	10 daNm
XSARA	9 daNm	10 daNm
XSARA PICASSO	9 daNm	10 daNm
C4	10 daNm	10 daNm
C-Quatre (China)	10 daNm	10 daNm
C4 PICASSO	10 daNm	10 daNm
C4 PICASSO (B78)	10 daNm	10 daNm
DS4	10 daNm	10 daNm
C4 L (B73 China)	10 daNm	10 daNm
C4 (B73 Russia)	10 daNm	10 daNm
C4 (B73 Mercosur)	10 daNm	10 daNm

BX	9 daNm	10 daNm
XANTIA	9 daNm	10 daNm
DS5	10 daNm	10 daNm
DS5 (China)	10 daNm	10 daNm
CITROEN C5 (X3 X4)	9 daNm	10 daNm
CITROEN C5 (X7) (XW)	10 daNm	10 daNm
SYNERGIE	9 daNm	10 daNm
XM	9 daNm	10 daNm
C6	-	10 daNm
C8	10 daNm	10 daNm
C-Crosser	10 daNm	10 daNm
C4 Aircross	10 daNm	10 daNm
C-Elysée	10 daNm	10 daNm
C-Elysée (China)	10 daNm	10 daNm
C15	9 daNm	-
C25	9 daNm	-
NEMO	9 daNm	10 daNm
BERLINGO (M49, M59)	9 daNm	9 daNm
BERLINGO (B9)	10 daNm	10 daNm
DISPATCH	10 daNm	9 daNm
RELAY (15 inch wheels)	16 daNm	16 daNm
RELAY (16 inch wheels)	18 daNm	18 daNm

3. Wheel valve

3.1. Vehicles not equipped with tyre under-inflation detection system

Always replace the wheel valves when changing the tyres.

CAUTION : Vehicles DS3 Racing ; Tighten the wheel valves to 0,4 daNm.

3.2. Vehicles fitted with a tyre under-inflation detection system

Observe the tightening torque of the wheel valve nuts : Tighten to 0,8 daN.m.

TIGHTENING TORQUES : ROAD WHEELS (TECHNICAL NOTE)

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C3	9 daNm	10 daNm
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BX	9 daNm	10 daNm
XANTIA	9 daNm	10 daNm
DS5	10 daNm	10 daNm
CITROEN C5 (X3 X4)	9 daNm	10 daNm

CITROEN C5 (X7)	10 daNm	10 daNm
SYNERGIE	9 daNm	10 daNm
XM	9 daNm	10 daNm
C6	-	10 daNm
C8	10 daNm	10 daNm
C-Crosser	10 daNm	10 daNm
C4 Aircross	10 daNm	10 daNm
C-Elysée	10 daNm	10 daNm
C15	9 daNm	-
C25	9 daNm	-
NEMO	9 daNm	10 daNm
BERLINGO (M49, M59)	9 daNm	9 daNm
BERLINGO (B9)	10 daNm	10 daNm
DISPATCH	10 daNm	9 daNm
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