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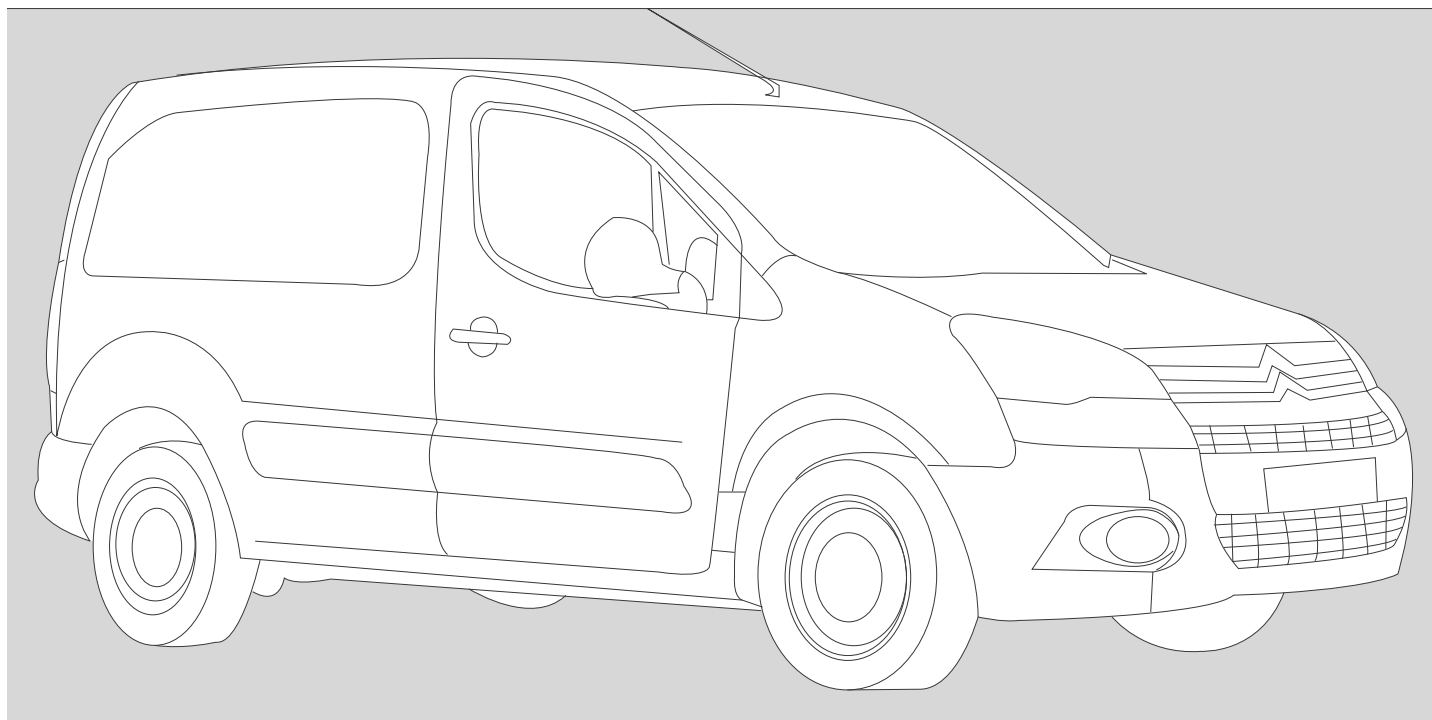
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VEHICLE DETAILS

Manufacturer	Citroen, Peugeot
Make	Berlingo / Partner
Model	eHDi 90 Airdream
Engine CC	1560cc
Engine Details	DV6
Year	2012 >
Chassis Nos.	N/A
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	12v

KIT DETAILS

Kit Part No.	0500.6542
Description	Speed Kit
Compressor RPM	4671 @ Max Engine
	Power Output
Fitting Time	60 Minutes
Suction Fitting	45°
Discharge Fitting	45°
Belt Type	6PK 1050
Belt Part No.	0820.1201

RECOMMENDED COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	-	0381.5312	-
Seltec No.	-	-	-
Mounting	-	Direct	-
Rotor	-	6PV	-
Armature	-	SL	-
Diameter	-	131	-
Voltage	-	12	-
Orientation	-	-	-
Fitting	-	PAD	-
Manifold	-	-	-

QUE	QP-13 HD	QP15-HD	QP16-HD
Comp No	-	0390.5311	-
Seltec No.	-	-	-
Mounting	-	Direct	-
Rotor	-	6PV	-
Armature	-	SL	-
Diameter	-	131	-
Voltage	-	12	-
Orientation	-	-	-
Fitting	-	PAD	-
Manifold	-	-	-

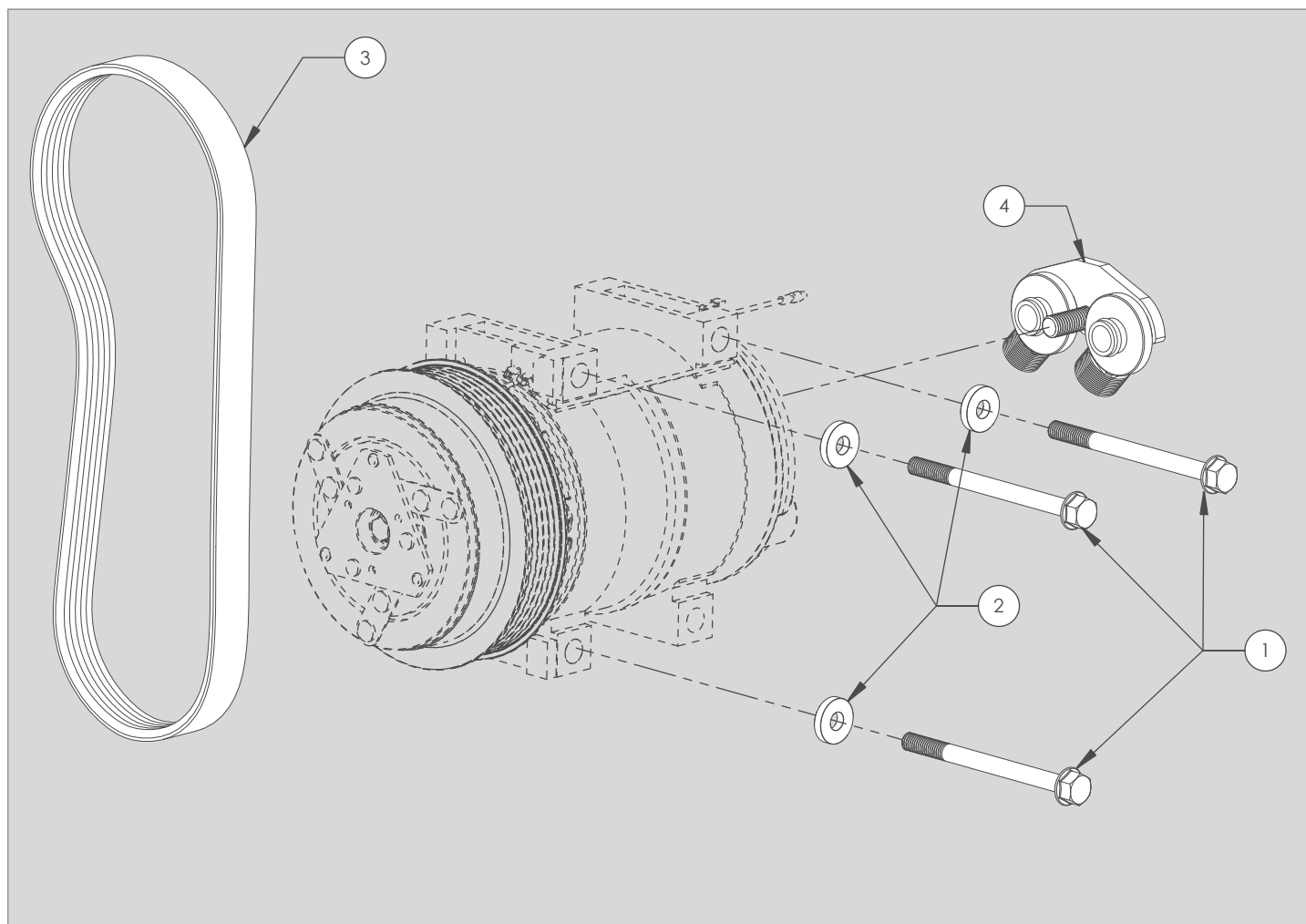
SANDEN	SD5H09	SD5H14	SD7H15
Comp No	-	-	-
Sanden No.	-	-	-
Mounting	-	-	-
Rotor	-	-	-
Armature	-	-	-
Diameter	-	-	-
Voltage	-	-	-
Orientation	-	-	-
Fitting	-	-	-

Notes

COMPRESSOR KIT CONFIGURATIONS						
PART NUMBER	COMPRESSOR KIT PART NOS				DESCRIPTION	QTY.
	0515.6544	0595.6544				
0380.5311	●				TM15 Direct Mount 6PV SL 131 12V ADJ 3/4 x 7/8 Bolt	1
0390.5311		●			QP15 Direct Mount 6PV SL 131 12V ADJ 3/4 x 7/8 Bolt	1

● = Additional parts to standard kits.

PARTS VIEW



ITEM	PART NO.	DESCRIPTION	QTY.	COMMENTS
1	2704 5361	Hex flange bolt - M8 x 100 : 1.25 - 8.8	3	-
2	2808.5001	Washer M8 Flat DIN 7349 OD21 x ID8.4 x L4	3	-
3	0820.1201	Belt - Poly Groove 6PK 1050	1	-
4	0425.0572	Adjustable Manifold Assembly	1	-

FOREWORD

1. The purpose of this manual is to facilitate the installation of a direct drive compressor. The information given is merely instructive, should any complications arise contact the Technical department. The manufacturer's warranty does not cover any problems caused by defective installation or alterations made unless authorised. The manufacturer shall not be responsible for any injury, damage or loss caused directly or indirectly as a result of using this manual or the information contained within it.

1 SAFETY MEASURES:

Before fitting the Compressor adapter drive kit, ensure the following for damage:

- a Inner and outer trim and body work
- b Engine idle pace
- c Check all the vehicle functions

Check list:

- a Ensure that the right kit has been selected
- b Before installing, check that all the correct pieces are present; also ensure that there are no missing or broken pieces
- c When fitting, make sure the vehicle is properly protected against damage.

Installation apparatus

- a Calibrated torque wrench
- b Hand service tools
- c Protective covers and shields

2 PRECAUTIONS

- a Detach the battery negative lead.
- b Torque all bolts where stated using a calibrated torque wrench.
- c Take extreme care with moving parts.
- d Remove the vehicles ignition key and keep it with you.
- e Wear safeguards to make sure that liquid refrigerant never touches your skin




Caution: Measures must be followed accurately to steer clear of the possibility of damage to individuals

Warning: This calls awareness to actions which must be pursued to avoid damage to the components.

NB: This calls awareness to make the job easier or gives useful information.

STANDARD FASTENER TORQUE VALUES

1. In the absence of specific torque values detailed in this fitting instruction manual, the following chart can be used as a guide to the maximum safe torque for specific size and grade of fastener.

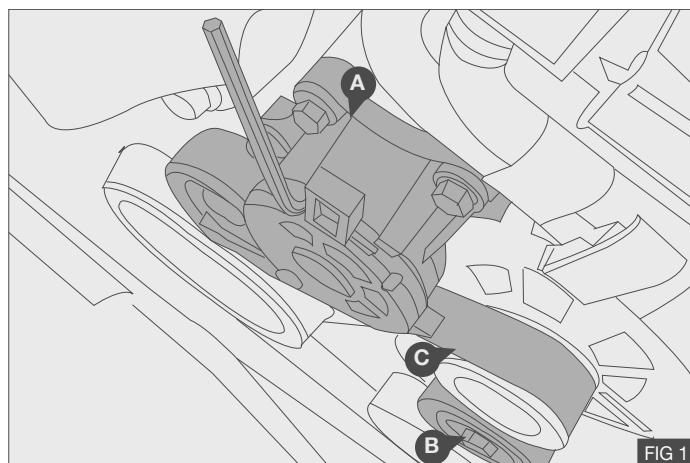
STRENGTH	 4.8		 8.8		 10.9		 12.9	
	Max Torque		Max Torque		Max Torque		Max Torque	
Dia / Pitch	lb.ft	Nm	lb.ft	Nm	lb.ft	Nm	lb.ft	Nm
M5 x 0.80	2	3	4.5	6	6.5	9	7.5	10
M6 x 1.00	4	5.5	7.5	10	11	15	13	18
M8 x 1.25	10	13	18	25	26	35	33	45
M10 x 1.25	20	27	39	53	57	78	66	90
M10 x 1.50	18	25	37	50	55	73	63	86
M12 x 1.75	33	45	63	85	97	130	111	150
M14 x 2.00	55	75	103	140	151	205	177	240
M16 x 2.00	85	115	159	215	232	315	273	370

PRE-INSTALLATION

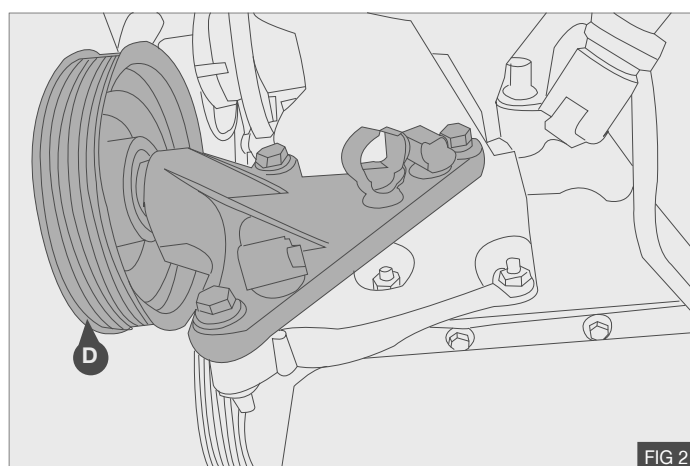
N.B Prior to commencing work, please examine the instructions with care. The alphabetical symbols on the diagram relate to written instructions, numerical symbols relate to the parts listing.

REMOVE THE FOLLOWING PARTS.

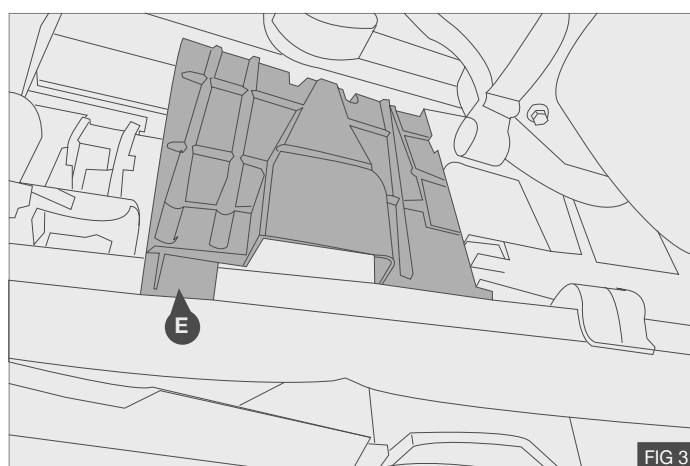
1. Remove engine under shield (A)
2. Turn the automatic tensioner (A) clockwise and lock in position using a suitable 4mm pin. Turn the secondary tensioner (B) clockwise and remove and discard the original drive belt (C) – Fig 1



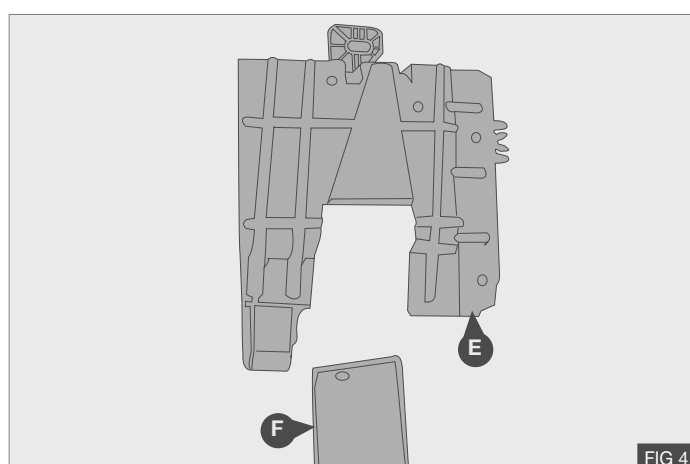
3. Remove and discard the foolish pulley assembly (D) – Fig 2



4. Remove the plastic panel (E) – Fig 3



5. Remove and discard section (F) from the plastic panel (E).
6. Re-fit the plastic panel (E) – Fig 4



COMPRESSOR INSTALLATION

NB: Please refrain from using “Loctite” unless otherwise notified.

Caution: Do not use “Loctite” on any bolt unless stated - This will void the Compressor Mount Bracket Warranty.

1. Install the supplied compressor manifold ④ in the orientation shown opposite. Torque the securing bolt of the manifold ④ to 34 Nm / 25 lb ft – Fig 5
2. Install the compressor to the engine using supplied bolts ① with spacer washer ②. Install the front bolts before the rear bolt. Torque the M8x100 bolts ① to 17Nm / 13lb.ft. using a calibrated torque wrench – Fig 6

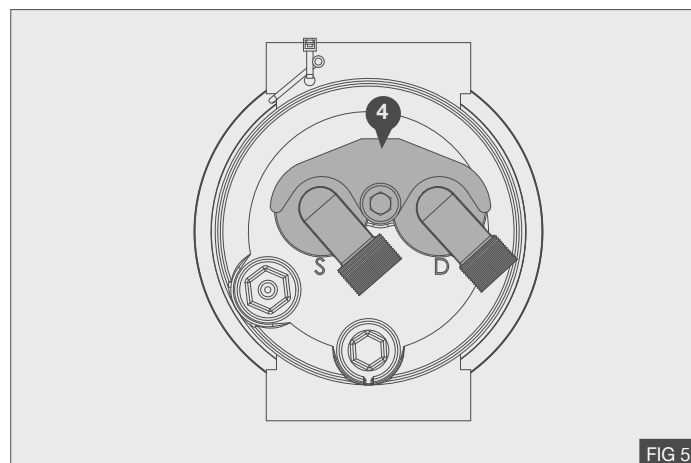


FIG 5

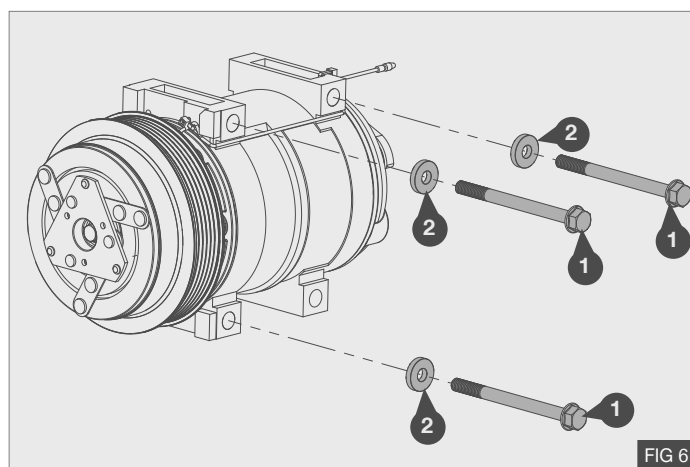


FIG 6

DRIVE BELT

1. Fit the supplied drive belt ③ as shown opposite - Fig 7

- A. Crankshaft Pulley
- B. Tensioner
- C. Alternator
- D. Secondary Tensioner
- E. Compressor

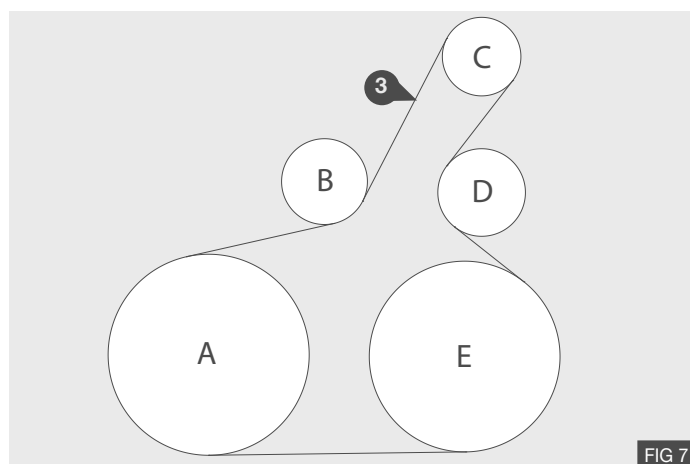


FIG 7

FINISH

Run the engine with the compressor clutch engaged for five minutes, Check all components. Refit the engine under-panel. Install the supplied belt label in the engine bay.

Notes