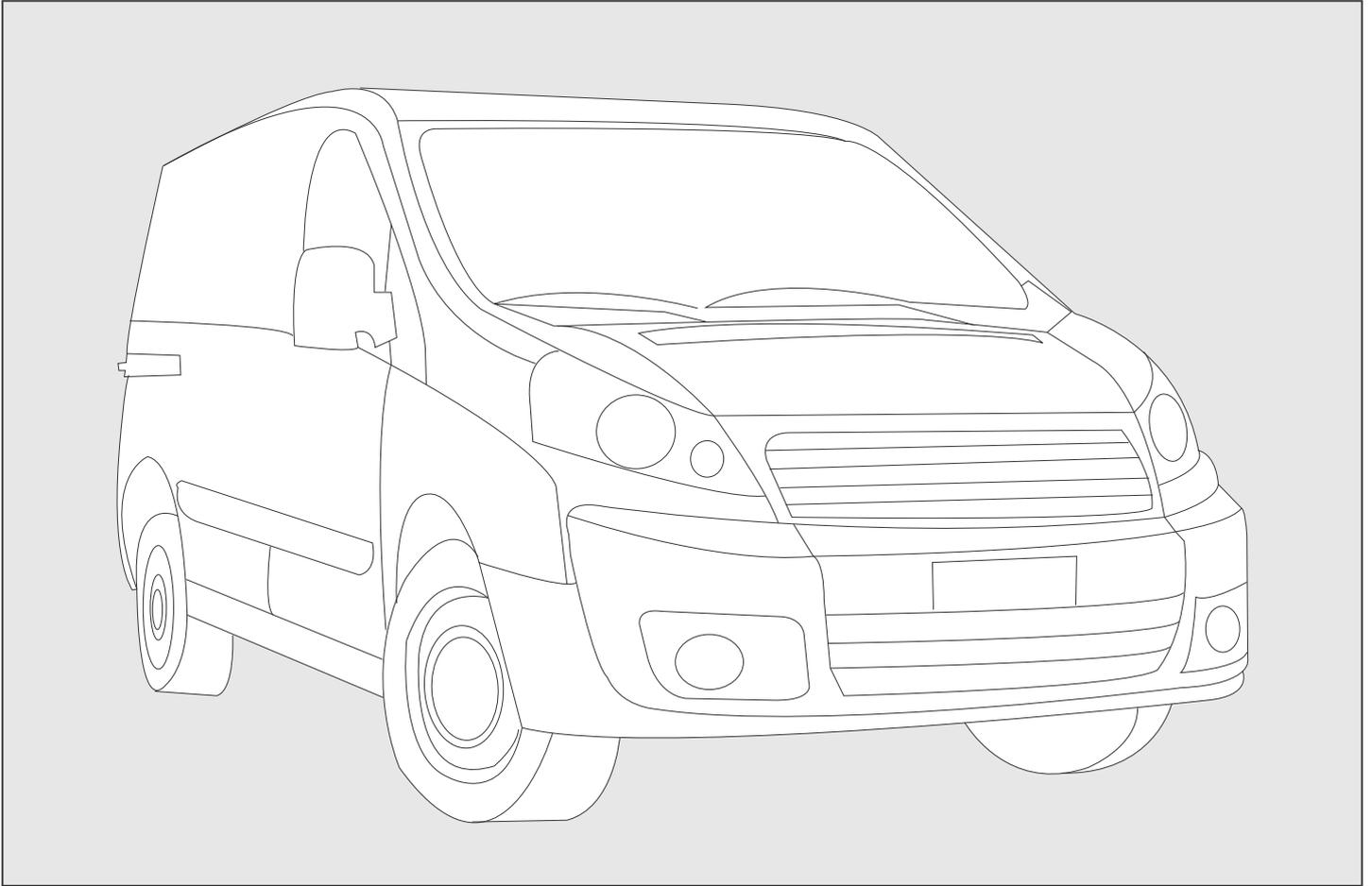


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VEHICLE DETAILS

Manufacturer	Citroen / Fiat
Make	Dispatch / Scudo
Model	2.0 HDi 95 / 125 / 160
Engine CC	1997 CC
Engine Details	98, 128, 163 PS - E5 DW10C
Year	01.2012 >
Chassis Nos.	N/A
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	12v

ADAPTER KIT DETAILS

Kit Part No.	0500.6522
Description	Speed Kit
Compressor RPM	4100 @ Max engine power output
Fitting Time	60 Minutes
Suction Fitting	90°
Discharge Fitting	45°
Belt Type	6PK 1290
Belt Part No.	0820.5661

COMPATIBLE COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	0381.5162	0381.5171	-
Seltec No.	-	-	-
Mounting	Ear	Ear	-
Rotor	1A (M)	1A (M)	-
Armature	SL	SL	-
Diameter	126	126	-
Voltage	12	12	-
Orientation	H	H	-
Fitting	3/4 x 7/8	3/4 x 7/8	-
Manifold	Bolt	Bolt	-

QUE	QP13-HD	QP15-HD	QP16-HD
Comp No	0391.5162	0391.5172	-
Que No.	-	-	-
Mounting	Ear	Ear	-
Rotor	1A (M)	1A (M)	-
Armature	SL	SL	-
Diameter	126	126	-
Voltage	12	12	-
Orientation	H	H	-
Fitting	3/4 x 7/8	3/4 x 7/8	-
Manifold	Bolt	Bolt	-

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.
	0513.6522	0515.6522	0593.6522	0595.6522		
0381.5162	●				TM13 Ear Mount 1A (M) SL 126 12V H 3/4 x 7/8 Bolt	1
0381.5172		●			TM15 Ear Mount 1A (M) SL 126 12V H 3/4 x 7/8 Bolt	1
0391.5162			●		QP13 Ear Mount 1A (M) SL 126 12V H 3/4 x 7/8 Bolt	1
0391.5172				●	QP15 Ear Mount 1A (M) SL 126 12V H 3/4 x 7/8 Bolt	1

● = Additional parts to standard kits.

PARTS VIEW LIST

ITEM	PART NO.	DESCRIPTION	QTY.	COMMENTS
1	0440.5143	Compressor Mount Bracket	1	-
2	2800.5551	Split Dowel Bush - OD11.0 x 9.2 x 13.75	1	-
3	2800.5563	Split Bush OD:16 x ID:8.5 x L:17.5	1	-
4	2803.4033	Spacer OD:20.0 x ID:10.5 x L:14	1	-
5	2704.0201	Hex flange bolt Durlok - M8 x 40 : 1.25 - 12.9	2	-
6	2705.5061	Socket cap screw M10 x 50 : 1.50 - 12.9	1	-
7	2704.0101	Hex flange bolt - M8 x 50 : 1.25 - 10.9	2	-
8	2705.0491	Hex flange bolt Durlok - M10 x 30 : 1.50 - 12.9	2	-
9	2705.5071	Socket cap screw M10 x 30 : 1.50 - 12.9	1	-
10	2805.0031	Spring washer M5 x 1 - ID 5.1 OD 9.2	6	-
11	2716.0031	Socket cap screw - M5 x 12 - 0.80	6	-
12	2809.0101	M10 Schnorr safety washer type 'S'	2	-
13	2809.0011	Washer M10 Flat DIN 125 - A 10.5	2	-
14	0820.5661	Belt - Poly Groove 6PK 1290	1	-
15	0411.5033	Clutch Rotor - PV7 156 Dia - Seltec / QUE	1	-
16	0411.5093	Rotor 1A Modified	1	-
17	0421.5011	Clutch Armature 1A	1	-
18	0420.5171	Clutch Coil 12v 1A	1	-
19	0431.0071	Circlip External - QUE / Seltec Clutch	1	-
20	0431.0051	Hexagon flange bolt - M6 x 18 : 1.00	1	-
21	0431.0041	Clutch Shim 0.6	1	-
22	0431.0011	Clutch Shim 0.4	1	-
23	0431.0001	Clutch Shim 0.3	1	-
24	0431.0061	Clutch Coil Screw 5 x 10	3	-
25	0410.1123	Clutch Assembly 1A (M)	1	-

FOREWORD

- 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:

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

Check list:

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

Installation apparatus

- Calibrated torque wrench
- Hand service tools
- Protective covers and shields

2 PRECAUTIONS

- Detach the battery negative lead.
- Torque all bolts where stated using a calibrated torque wrench.
- Take extreme care with moving parts.
- Remove the vehicles ignition key and keep it with you.
- Wear eye 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

- 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								
	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

NB 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.

Dismantle the following:

1. Using a suitable tool rotate the automatic belt tensioner pulley (A) clockwise and insert a suitable 4mm pin, an Allen key is ideal for this purpose (B) - Fig.1
2. Remove and discard the original manufacturers poly groove drive belt (C).
3. Remove and discard the original vehicle manufacturers mounting bracket assembly (D) that supports the idle pulley when the vehicle is not fitted with air conditioning, discard the 3 bolts (E) - Fig.2
4. Remove and discard the original M8 bolt (E) from the original mounting bracket - Fig.3

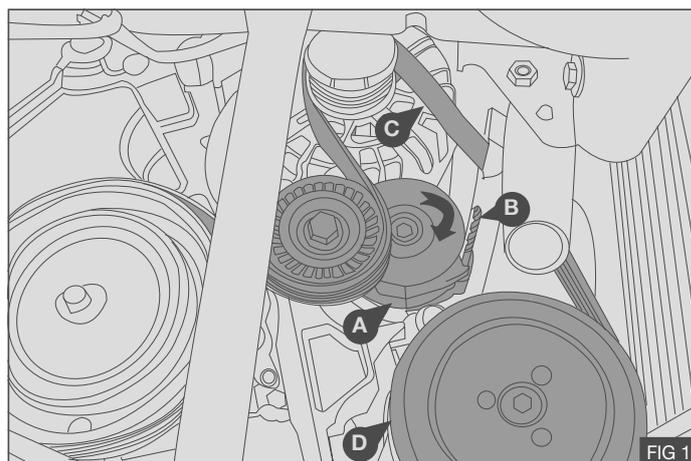


FIG 1

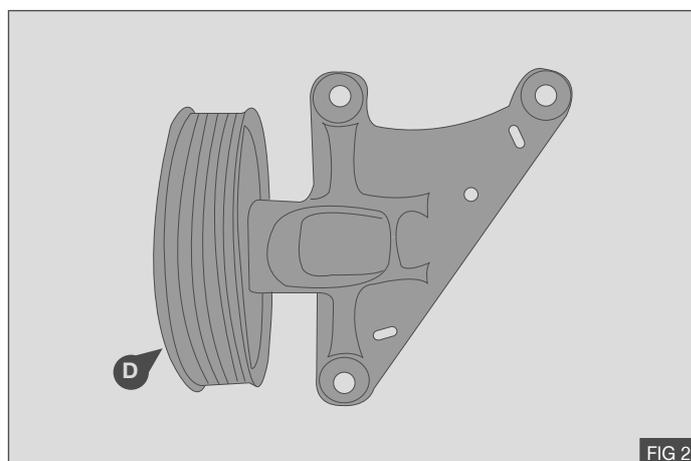


FIG 2

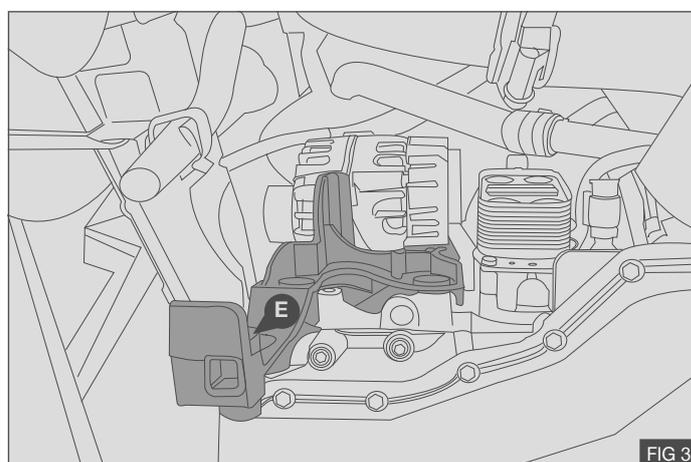


FIG 3

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

COMPRESSOR BRACKET INSTALLATION

NB: Ensure the correct length bolt is installed in the correct location shown in Fig 4.

1. Install the supplied compressor mount bracket (1) into the position previously taken by the original mounting bracket using the 2 bolts (5) M8 x 40 and 2 bolts (7) M8 x 50 - Fig.3
2. Torque bolts (5) & (7) to 25Nm / 18lb.ft. using a calibrated torque wrench.

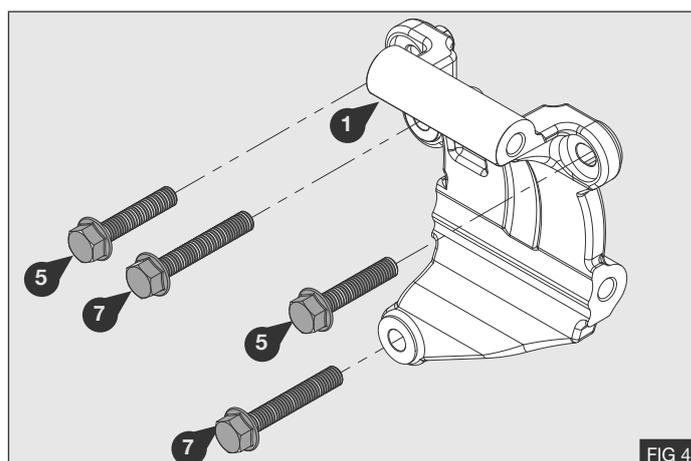


FIG 4

COMPRESSOR INSTALLATION

1. Locate the spacer ④ into the mount bracket assembly ①
2. Locate the bolt ⑧ M10 x 30 into the compressor ear and fit compressor to the mount bracket assembly ①, loosely fit the bolt ⑧ to the bracket assembly - Fig 5
3. Fit the remaining bolt ⑧ M10 x 30 along with cap screw ⑥ M10 x 50, with washers ⑫ ⑬ and cap screw ⑨ M10 x 30 with washers ⑫ ⑬ - Fig 6
4. Torque the two M10 x 30 bolts ⑧ to 50 Nm / 37 Lb ft using a calibrated torque wrench
5. Torque the M10 x 50 and M10 x 30 cap screws ⑥ and ⑨ to 50 Nm / 37Lb ft using a calibrated torque wrench.
6. Secure the clutch rotor ⑮ to the compressor using 6 x M5 bolts and washers ⑩ ⑪ - Fig 6
7. Torque bolts ⑪ to 9Nm / 6.65lbf

DRIVE BELT

1. Fit the supplied replacement poly groove engine drive belt ⑭ to the engine in the same configuration in accordance with the original manufacturers design - Fig.8

CP Crankshaft Pulley

AT Automatic Tensioner

AL Alternator

RC Refrigeration Compressor

WARNING: The compressor drive belt ⑭ must be fitted to the rear grooves of the clutch rotor as shown in Fig 7

2. Release the automatic belt tensioner **A** and remove the securing pin if fitted previously.

POST INSTALLATION

1. Before starting the engine check all the installed parts and ensure that the belt is installed correctly. Run the unit for at least ten minutes, then check the whole mounting assembly and previously removed parts. Attach the supplied warning label on to a suitable location.

