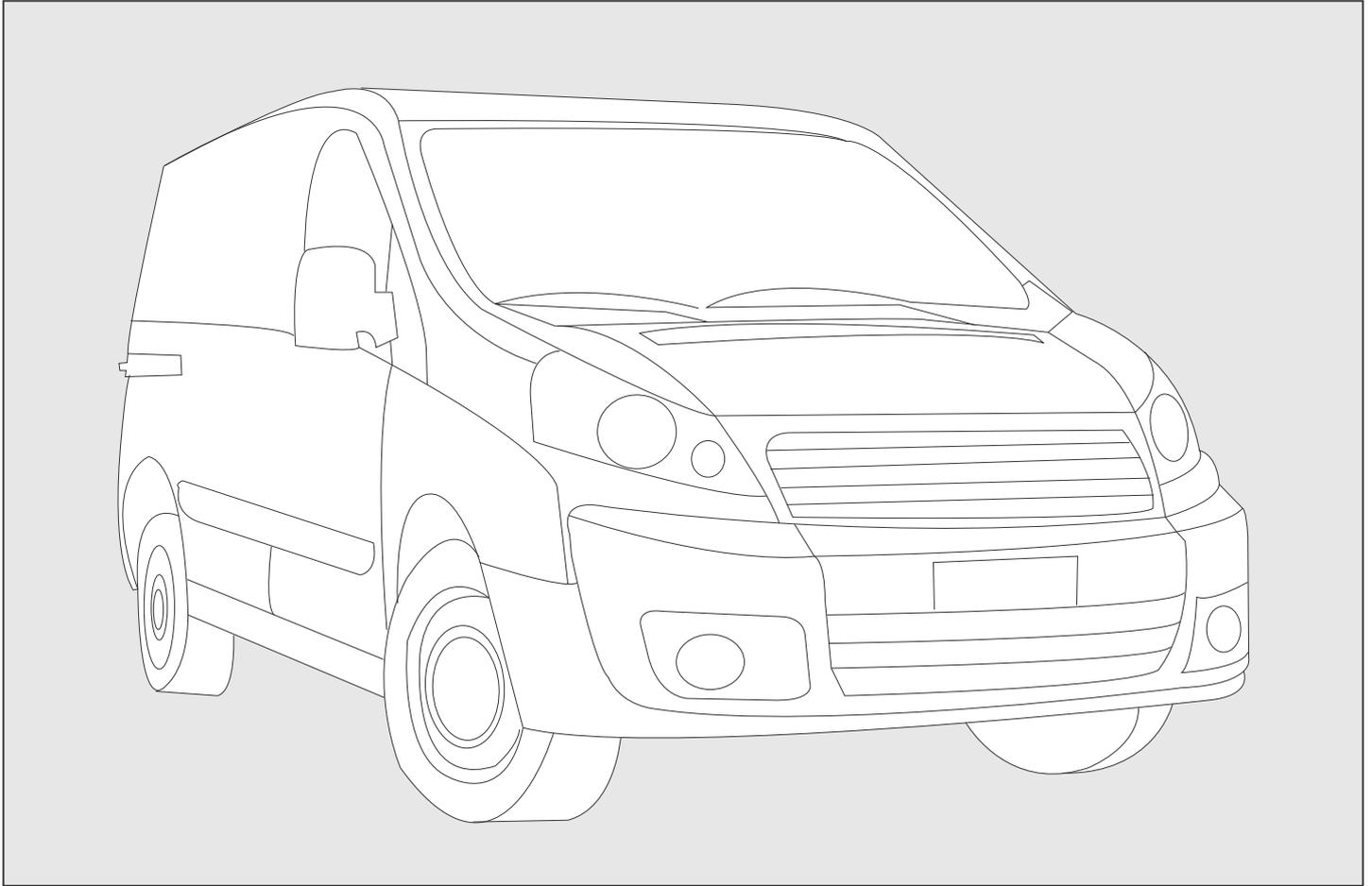


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VEHICLE DETAILS

Manufacturer	Peugeot, Fiat, Citroen
Make	Expert, Scudo, Dispatch
Model	2.0 Hdi 120
Engine CC	1997
Engine Details	Hdi 120
Year	01.07 > 01.12
Chassis Nos.	N/A
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	12v

KIT DETAILS

Kit Part No.	0500.3642
Description	Standard Kit
Compressor RPM	5143 @ Max Engine
	Power Output
Fitting Time	60 Minutes
Suction Fitting	Straight
Discharge Fitting	Straight
Belt Type	6PK 1250
Belt Part No.	0820.2241

RECOMMENDED COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	0381.0412	0381.0032	0381.0512
Seltec No.	48844122	48845322	48846322
Mounting	Ear	Ear	Ear
Rotor	8PV	8PV	8PV
Armature	SL	SL	SL
Diameter	123	123	123
Voltage	12	12	12
Orientation	H	H	H
Fitting	3/4 x 7/8	3/4 x 7/8	3/4 x 7/8
Manifold	Bolt	Bolt	Bolt

SANDEN	SD5H09	SD5H14	SD5H15
Comp No	-	0300.0452	0300.1962
Sanden No.	-	6628	8027
Mounting	-	Ear	Ear
Rotor	-	7PV	8PV
Armature	-	SL	SL
Diameter	-	124	125
Voltage	-	12	12
Orientation	-	H	H
Fitting	-	3/4 x 7/8	3/4 x 7/8

Notes

COMPRESSOR KIT CONFIGURATIONS

PART NUMBER	COMPRESSOR KIT PART NOS				DESCRIPTION	QTY.
	0513.3642	0515.3642	0516.3642			
0381.0412	●				TM13 Ear Mount 8PV SL 123 12V H 3/4 x 7/8 Bolt	1
0381.0032		●			TM15 Ear Mount 8PV SL 123 12V H 3/4 x 7/8 Bolt	1
0381.0512			●		TM16 Ear Mount 8PV SL 123 12V H 3/4 x 7/8 Bolt	1

● = Additional parts to standard kits.

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:

- 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.

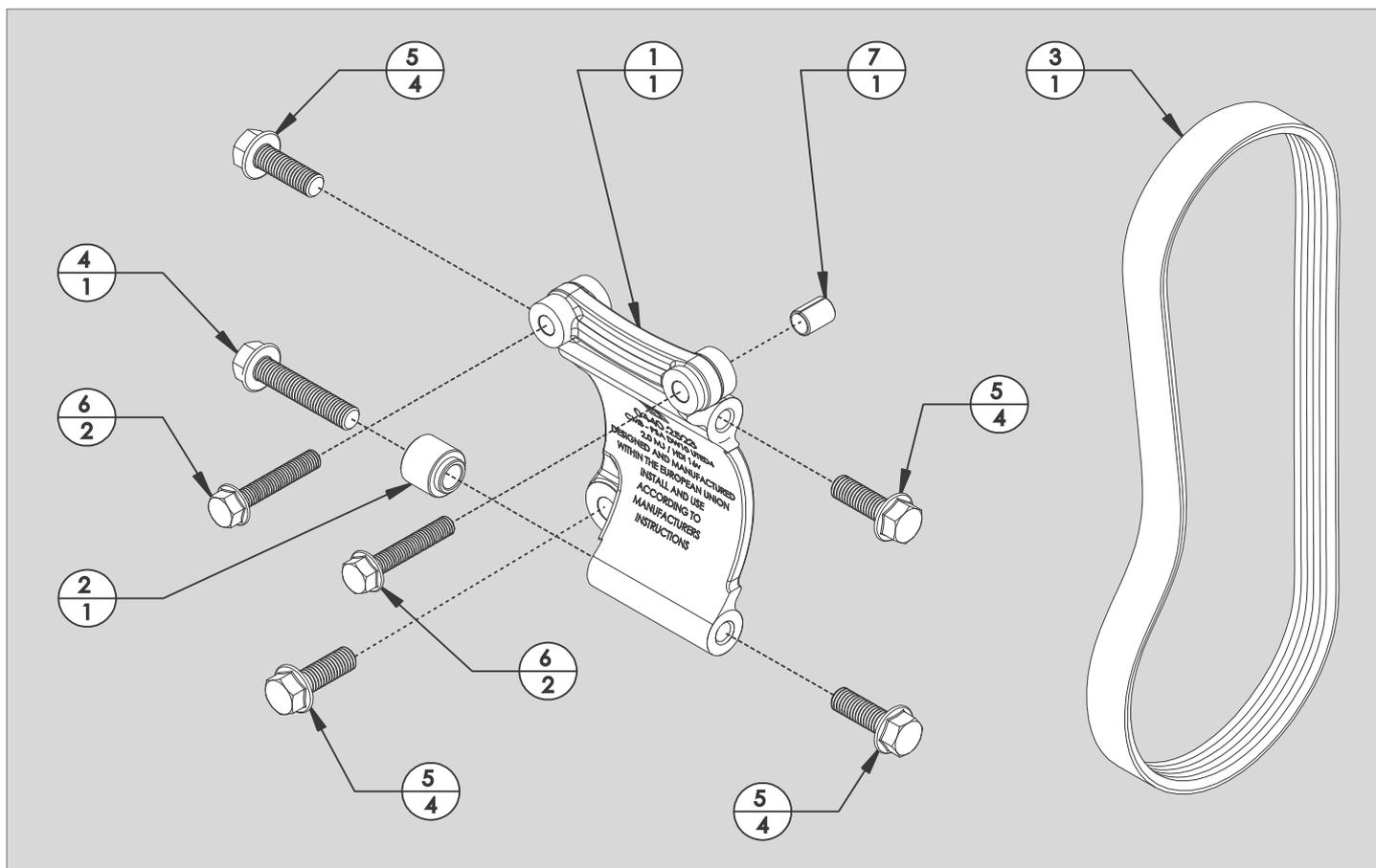
NB: This calls awareness to make the job easier or gives useful information.

STANDARD FASTENER TORQUE VALUES

- 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

PARTS VIEW



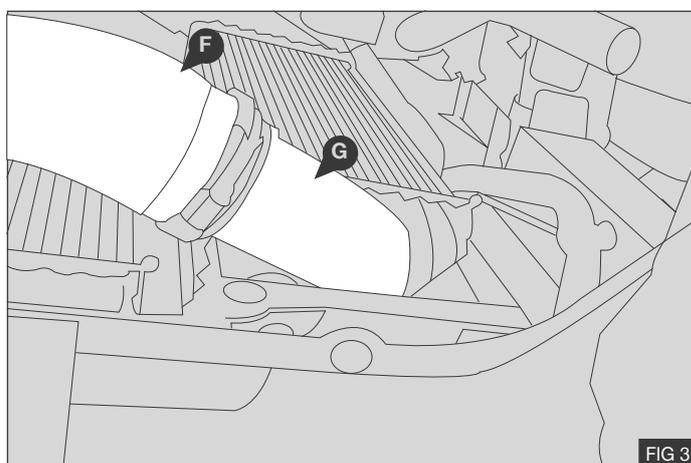
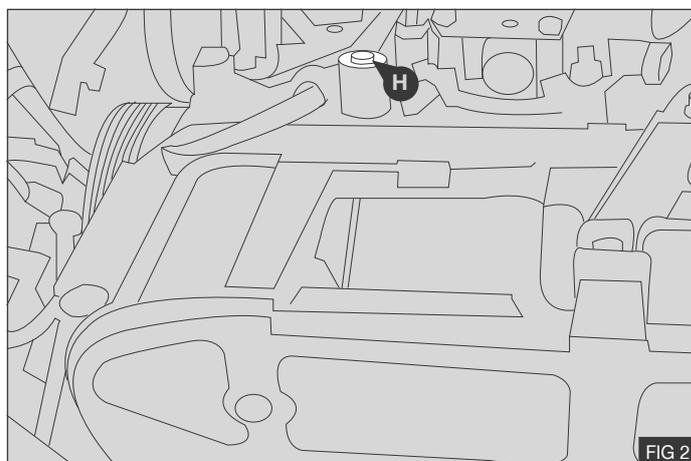
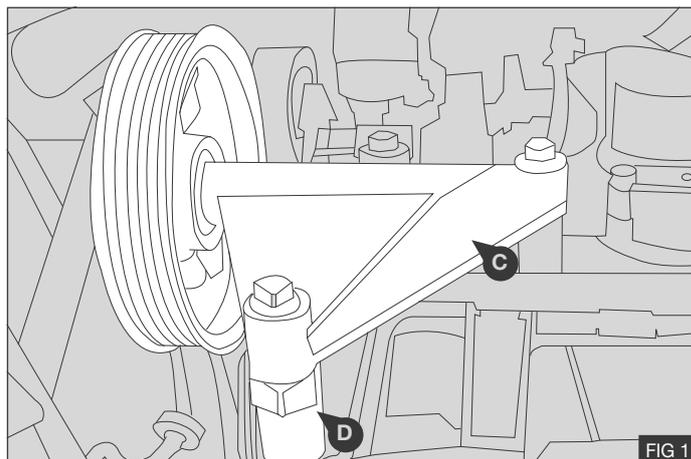
ITEM	PART NO.	DESCRIPTION	QTY.	COMMENTS
1	0440.2523	Compressor Mount Bracket	1	-
2	2803.4023	Compressor Spacer	1	-
3	0820.2241	Belt - Poly Groove 6PK 1250	1	-
4	2705.0341	Hex Flange Bolt Durlock - M10 x 50 : 1.50 - 12.9	1	-
5	2705.0491	Hex Flange Bolt Durlock - M10 x 30 : 1.50 - 12.9	4	-
6	2704.0161	Hex Flange Bolt Durlock - M8 x 45 : 1.25 - 12.9	2	-
7	2800.0531	Split Dowel Bush	1	-
8	0290.3642	Fastener Pack - CMK 0500.3642	1	Not Shown

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.

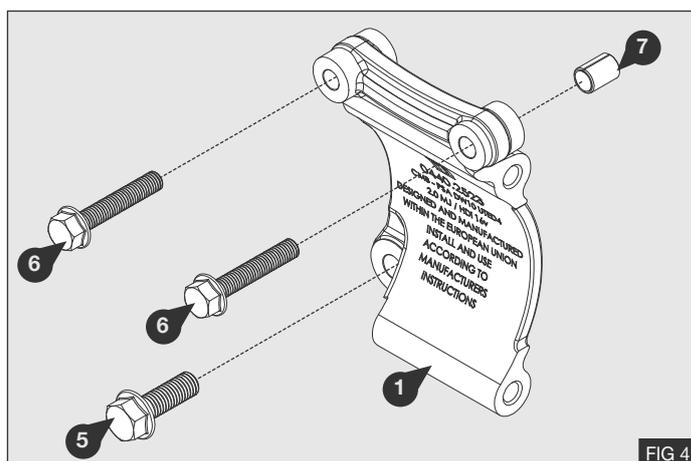
NB: Please refrain from using “Loctite” unless otherwise notified.

1. Remove under panel
2. Remove wheel arch cover
3. Remove and discard drive belt
4. Remove and discard foolish pulley assembly  - Fig 1
5. Remove and discard engine mount spacer  - Fig 1
6. When removing foolish pulley , if bush  stays in foolish pulley  use split bush  in mount bracket  - Fig 2.
7. If bush  stays in engine mount discard bush 
8. Remove air-intake hose  from intercooler  - Fig 3



INSTALLATION

1. Fit the supplied mount bracket  to the engine mounts using bolt  and bolts  - Fig 4
2. Use bushes  if bush  was removed with foolish pulley - Fig 4
3. Torque bolt  to 63 Nm / 46 lb ft - Fig 4
4. Torque bolts  to 44 Nm / 32 lb ft - Fig 4



5. Remove section of compressor ear - Fig 5
6. Fit the compressor to the mount bracket using top hat spacer ② between the front bottom compressor ear and the mount bracket ① - Fig 6
7. Secure the compressor using bolt ④ and bolts ⑤ - Fig 6
8. Torque bolts ④ and ⑤ to 84 Nm / 62 lb ft - Fig 6

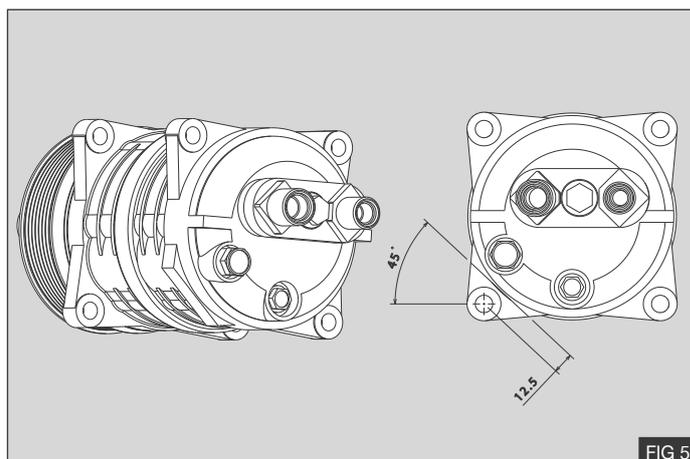


FIG 5

DRIVE BELT

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

- A. Tensioner
- B. Alternator
- C. Compressor
- D. Crank Pulley

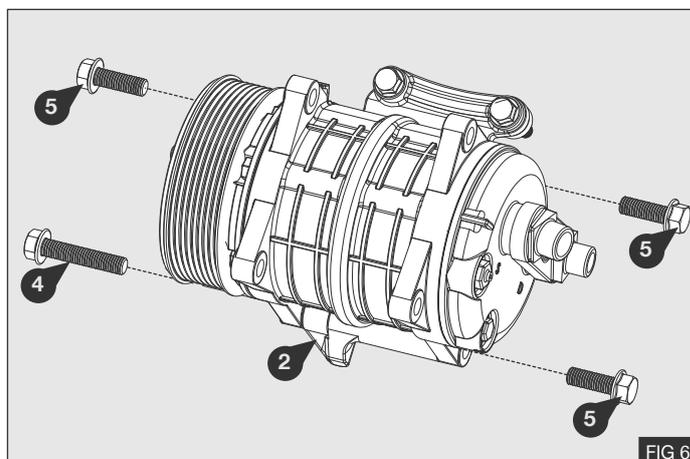


FIG 6

Note: Make sure that the drive belt is fitted into the correct groove of the compressor clutch as shown - Fig 8.

Seltec PV8 has the same gauge line as the Sanden PV6 & PV7, belt is fitted to front groove.

Sanden PV8 has a unique gauge line, belt is fitted to second groove.

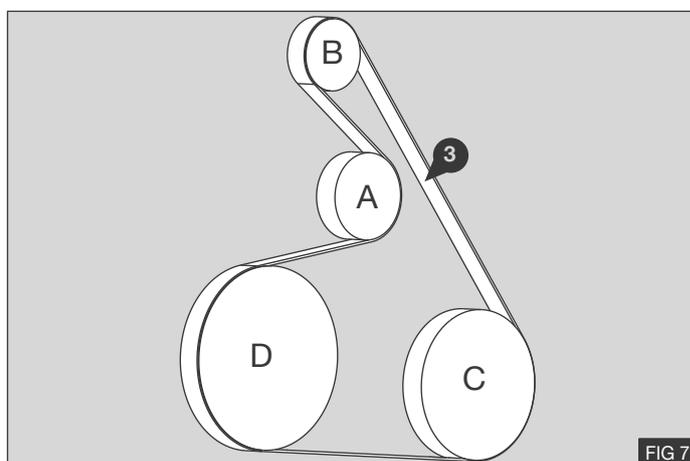


FIG 7

FINISH

Refit all previously removed parts. Run the engine with the compressor clutch engaged for five minutes, check all components and fit belt label stickers.

Note: Check the belt tension when the belt is hot. IT IS IMPORTANT THAT THE BELT IS ALLOWED TO COOL BEFORE RE-TENSIONING. Always re-tension NEW belts if the tension is less than the USED BELT AMOUNT

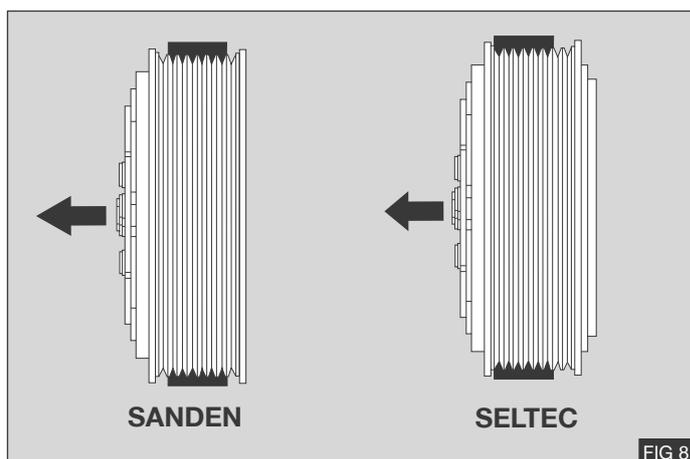


FIG 8

Note / Notas / Notes / Notas / Hinweise