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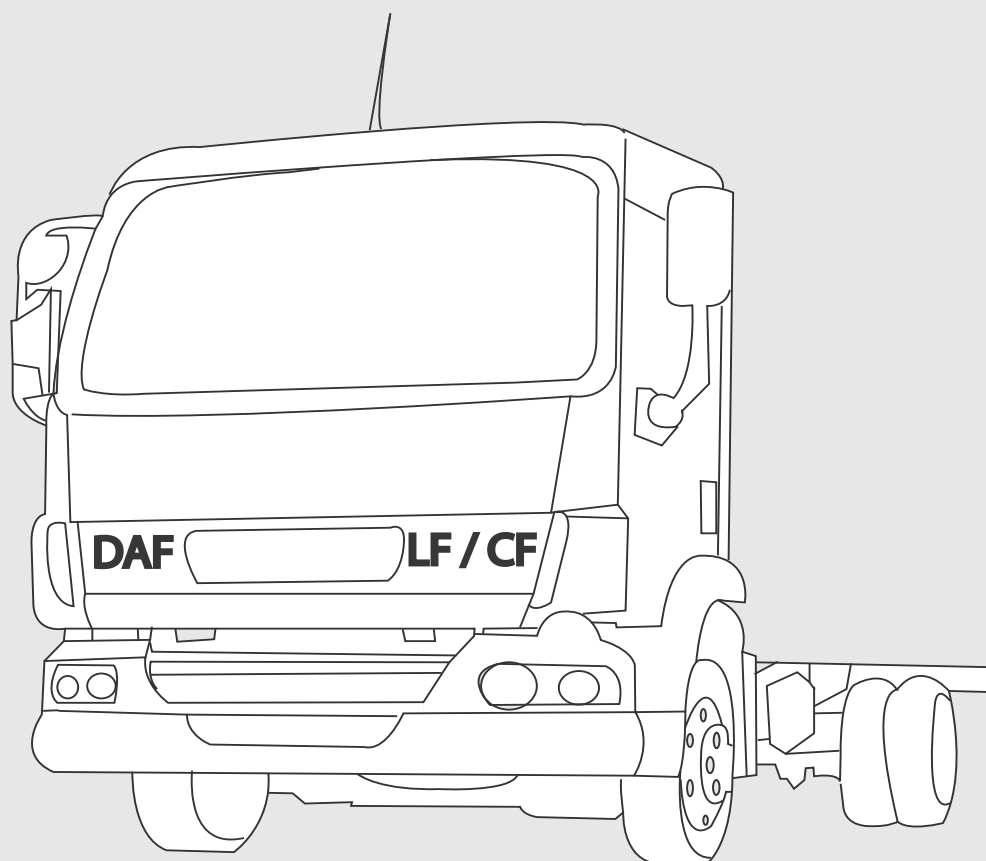
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VEHICLE DETAILS

Manufacturer	DAF
Make	LF45
Model	140, 160, 180, 210, 220, 250
Engine CC	4.5 L / 6.7 L
Engine Details	FR 103, 118, 136, 152 / GR165, 184
Year	09.10 >
Chassis Nos.	OL358507 >
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	24V

KIT DETAILS

Kit Part No.	0500.8962
Description	Standard Kit
Compressor RPM	3800
Fitting Time	30 Minutes
Suction Fitting	90°
Discharge Fitting	90°
Belt Type	8PK 1890
Belt Part No.	0820.5041

RECOMMENDED COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	-	0381.0062	0381.0772
Seltec No.	-	488-46123	-
Mounting	-	Ear	Ear
Rotor	-	8PV	8PV
Armature	-	3E	3E
Diameter	-	123	123
Voltage	-	24	24
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	-	0391.0062	0391.0772
Que No.	-	QP15.1352	-
Mounting	-	Ear	Ear
Rotor	-	8PV	8PV
Armature	-	3E	3E
Diameter	-	123	123
Voltage	-	24	24
Orientation	-	H	H
Fitting	-	3/4 x 7/8	3/4 x 7/8
Manifold	-	Bolt	Bolt

SANDEN	SD5H09	SD5H14	SD5H15
Comp No	-	-	-
Sanden No.	-	-	-
Mounting	-	-	-
Rotor	-	-	-
Armature	-	-	-
Diameter	-	-	-
Voltage	-	-	-
Orientation	-	-	-
Fitting	-	-	-

Notes

COMPRESSOR KIT CONFIGURATIONS						
PART NUMBER	COMPRESSOR KIT PART NOS				DESCRIPTION	QTY.
	0515.8912	0516.8912	0595.8912	0596.8912-		
0381.0062	●				TM15 EarMount 8PV 3E 123 24v H 3/4 x 7/8 Bolt	1
0381.0772		●			TM16 EarMount 8PV 3E 123 24v H 3/4 x 7/8 Bolt	1
0391.0062			●		QP15 EarMount 8PV 3E 123 24v H 3/4 x 7/8 Bolt	1
0391.0772				●	QP16 EarMount 8PV 3E 123 24v H 3/4 x 7/8 Bolt	1

● = Additional parts to standard kits.

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.

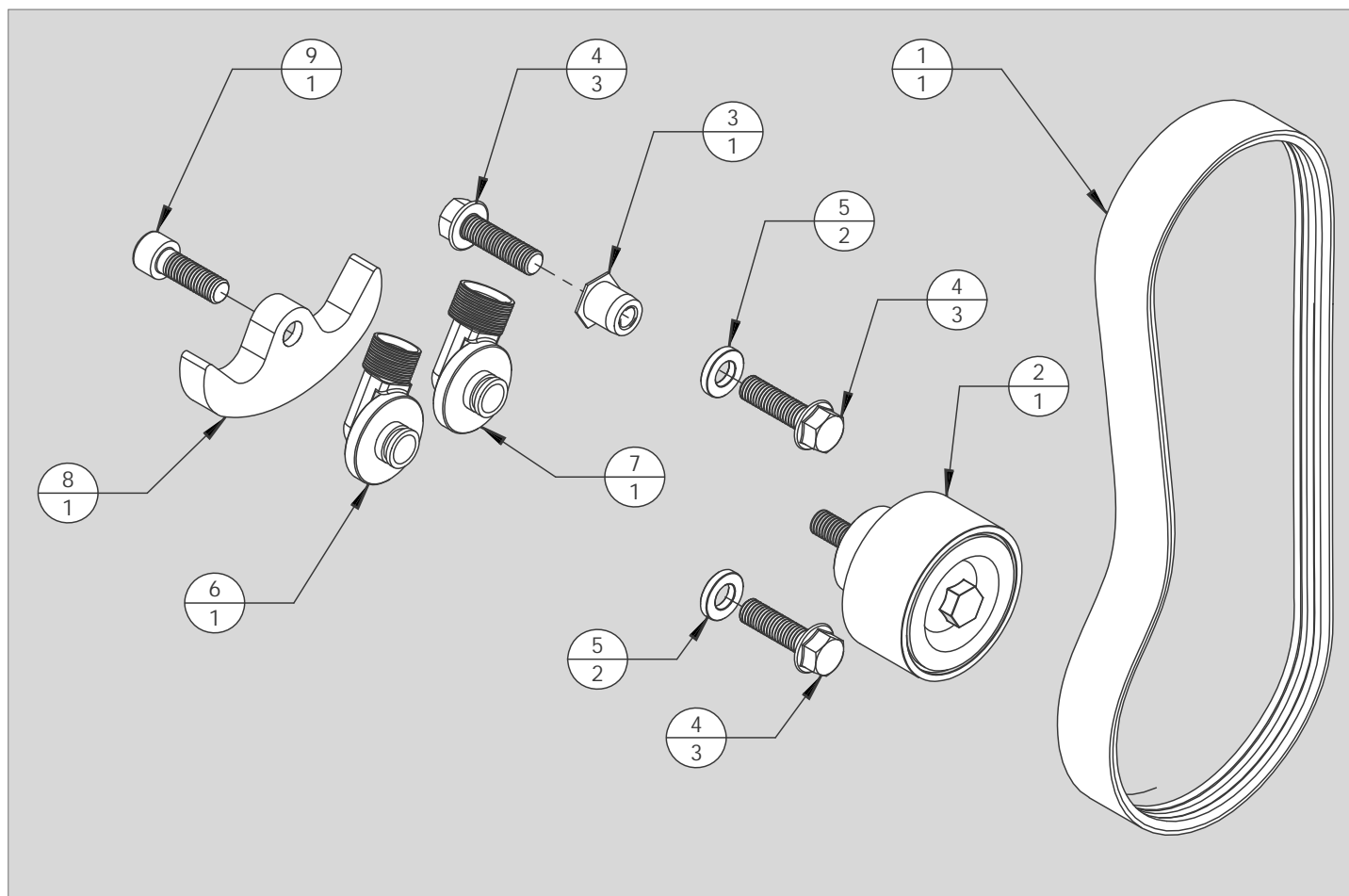
NB: This calls awareness to make the job easier or gives useful information.

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

PARTS VIEW







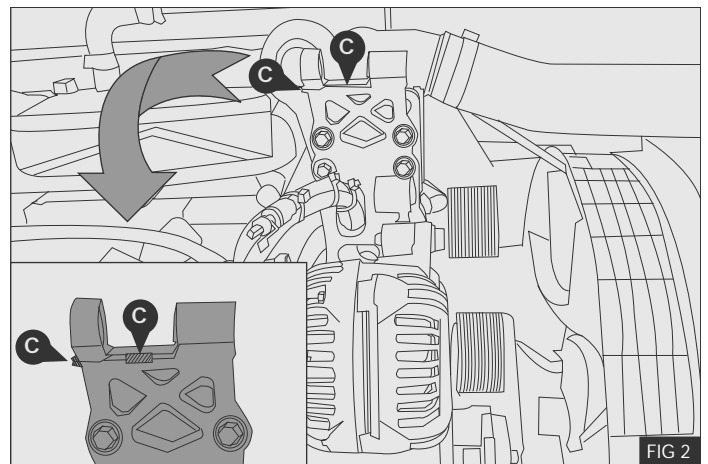
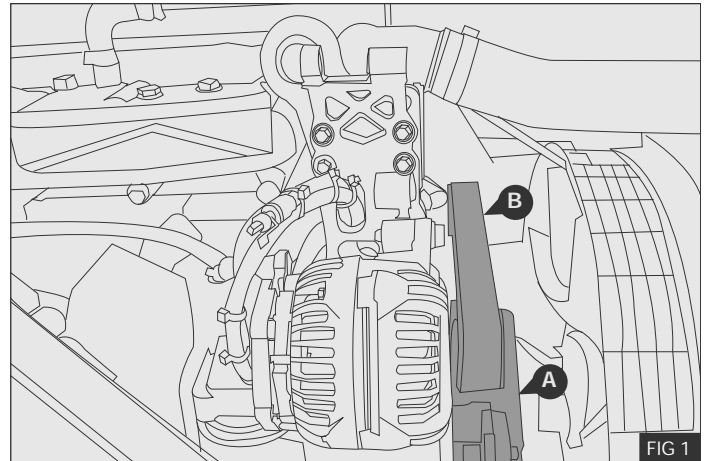
ITEM	PART NO.	DESCRIPTION	QTY.	COMMENTS
1	0820.5041	Belt - Poly Groove 8PK1890	1	-
2	1700.5011	Idle Pulley - 65 x 32 x 57	1	-
3	1710.5023	Compressor Mount Bracket Insert	1	-
4	2705.0241	Hex Flange Bolt Durlok - M 10 x 30 : 1.50 - 12.9	3	-
5	2803.8923	Compressor Mount Bracket Front Spacer	2	-
6	1515.5003	Compressor Fitting - Discharge	1	-
7	1520.5003	Compressor Fitting - Suction	1	-
8	3020.5003	Compressor Fitting Clamp	1	-
9	2705.0301	Hex Cap Screw M10	1	-

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:

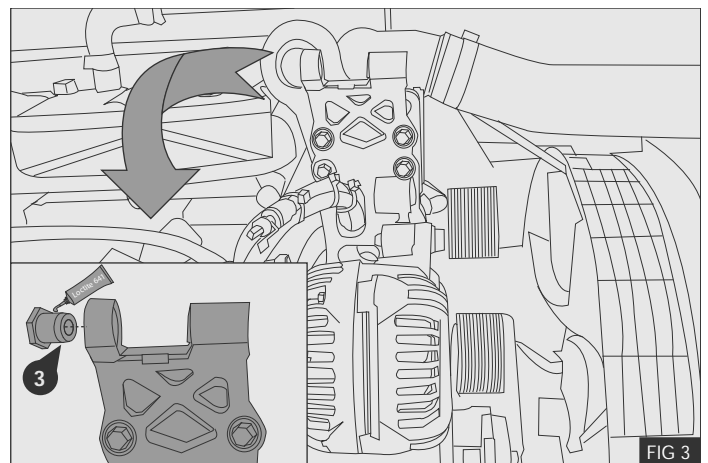
1. Using a suitable tool rotate the automatic belt tensioner pulley  anti clockwise - Fig.1
2. Release the belt tension  and remove and discard the original drive belt  - Fig1.
3. Remove the shaded areas  using a suitable tool from the original compressor mounting bracket to allow clearance for the QUE / Seltec compressor body - Fig.2.




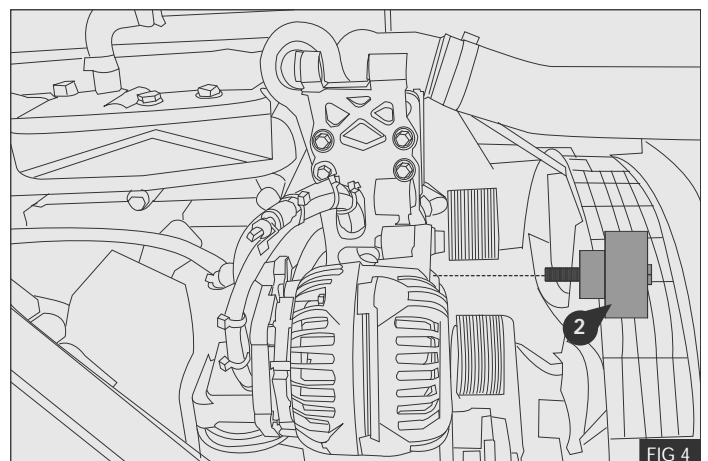
INSTALLATION

1. Fit the supplied insert  into the original manufacturers compressor bracket boss as shown - Fig 3.

Note: Add Loctite 641 shaft lock compound to the insert  before installing into the compressor boss as shown - Fig 3.



2. Fit supplied idle pulley assembly  into position shown - Fig 4.
3. Torque idle pulley bolt to 42 Nm / 31 lbft - Fig 4



COMPRESSOR INSTALLATION

1. Mount the compressor to the bracket using three M10 x 35 set screws ④ and compressor spacers ⑤ - Fig 5.
2. Torque the three M10 x 35 set screws ④ to 58Nm / 42 lb.ft - Fig 5.

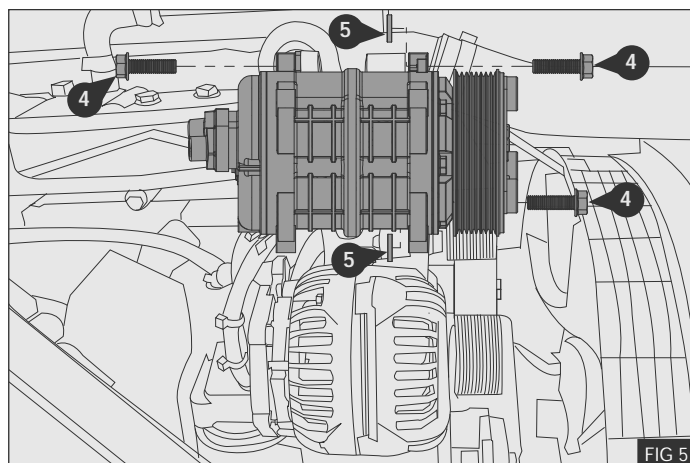


FIG 5

COMPRESSOR MANIFOLD INSTALLATION

1. Fit the compressor fittings ⑥ and ⑦ to the compressor using the clamp ⑧ and bolt ⑨ - Fig 6

Note: Position the discharge fitting ⑥ and suction fitting ⑦ as shown to avoid contact with the gear linkage ① - Fig 6.

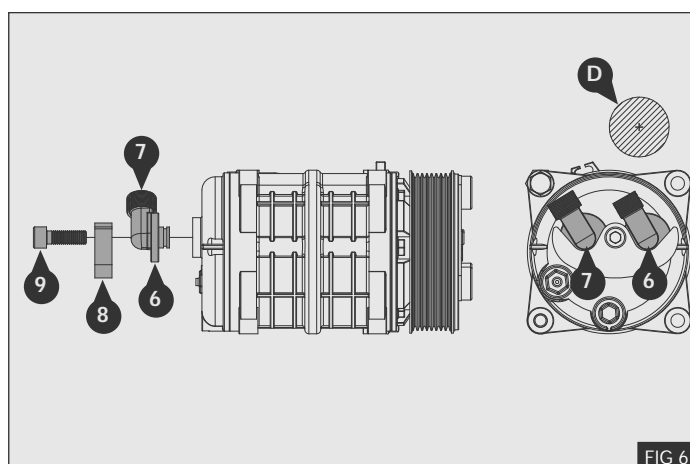


FIG 6

DRIVE BELT

1. Fit the supplied poly groove drive belt ① to the configuration shown - Fig 7.

- A. Crank Pulley
- B. Tensioner
- C. Water Pump
- D. Alternator
- E. Compressor
- F. Idle Pulley
- G. Idle Pulley

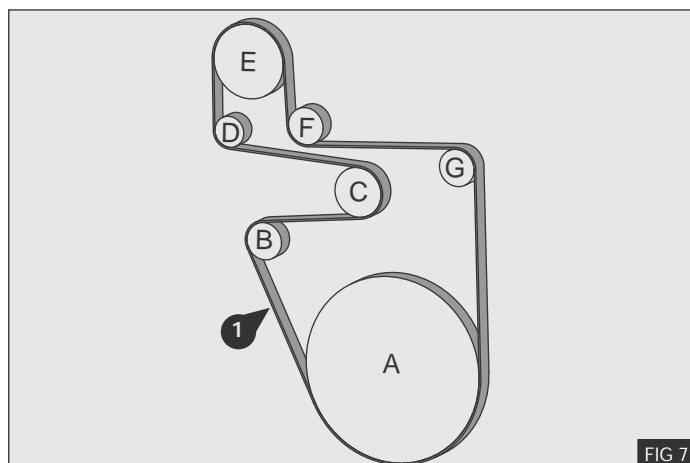


FIG 7

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.

Note