

Contents

**ENGLISH** ..... 2

Vehicle Details..... 2

Installation Precautions ..... 4

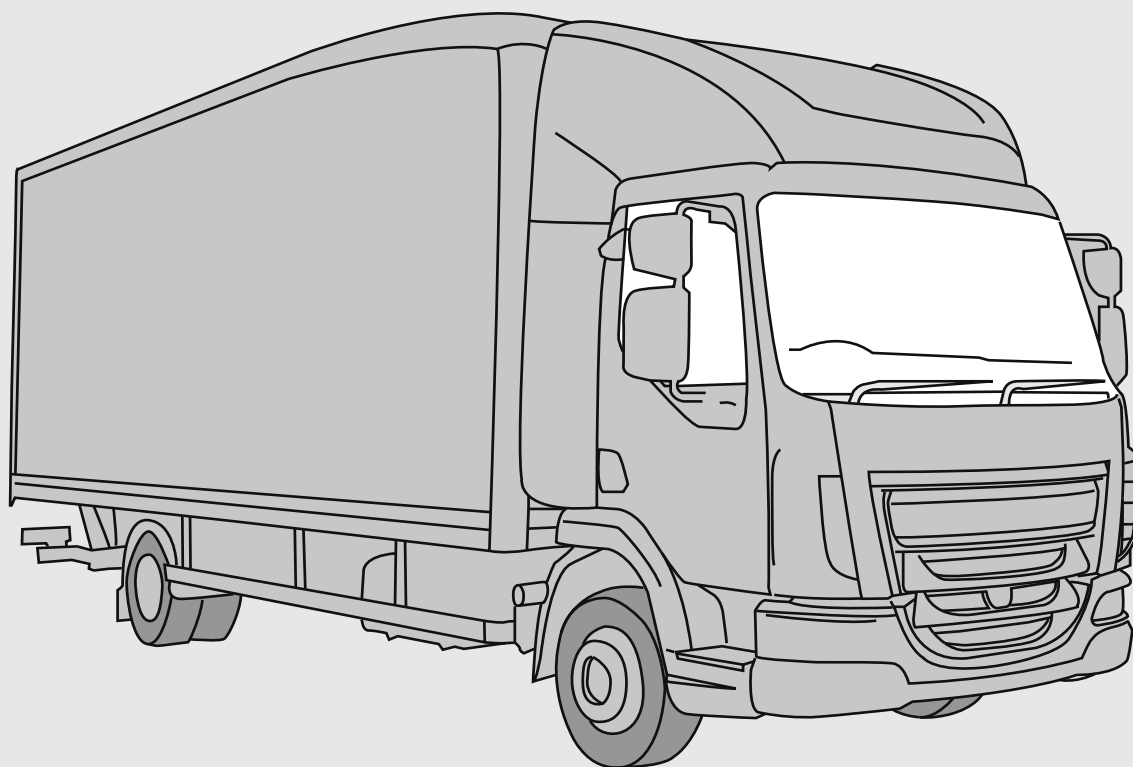
Parts View ..... 5

Pre Installation ..... 6

Installation ..... 6

Compressor Installation ..... 7

Drive Belt..... 7



## VEHICLE DETAILS

Manufacturer	DAF
Models	LF 150 / LF 180 / LF 210
Engine	4.5 L PX-5 PACCAR
Engine Details	112 / 135 / 157 kW
Year	01.14 >
Chassis Nos.	OL543200>
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	24V

## KIT DETAILS

Kit Part No.	0500.7302
Description	Speed Kit
Compressor RPM	3100
Fitting Time	60 Minutes
Suction Fitting	90°
Discharge Fitting	90°
Belt Type	8PK 2335
Belt Part No.	0820.7041

## RECOMMENDED COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	-	0381.5442	0381.5452
Seltec No.	-	-	-
Mounting	-	Ear	Ear
Rotor	-	8PV	8PV
GL	-	60.1	60.1
Armature	-	3E	3E
Diameter	-	127	127
Voltage	-	24	24
Orientation	-	V	V
Fitting	-	3/4 x 7/8	3/4 x 7/8
Manifold	-	Bolt	Bolt

QUE	QP13-HD	QP15-HD	QP16-HD
Comp No	-	0391.5442	0391.5452
Que No.	-	-	-
Mounting	-	Ear	Ear
Rotor	-	8PV	8PV
GL	-	60.1	60.1
Armature	-	3E	3E
Diameter	-	127	127
Voltage	-	24	24
Orientation	-	V	V
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.
	0515.7302	0516.7302	0595.7302	0596.7302		
0381.5442	●				TM15 EarMount 8PV 3E 127 24v V 3/4 x 7/8 Bolt	1
0381.5452		●			TM16 EarMount 8PV 3E 127 24v V 3/4 x 7/8 Bolt	1
0391.5442			●		QP15 EarMount 8PV 3E 127 24v V 3/4 x 7/8 Bolt	1
0391.5452				●	QP16 EarMount 8PV 3E 127 24v V 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.

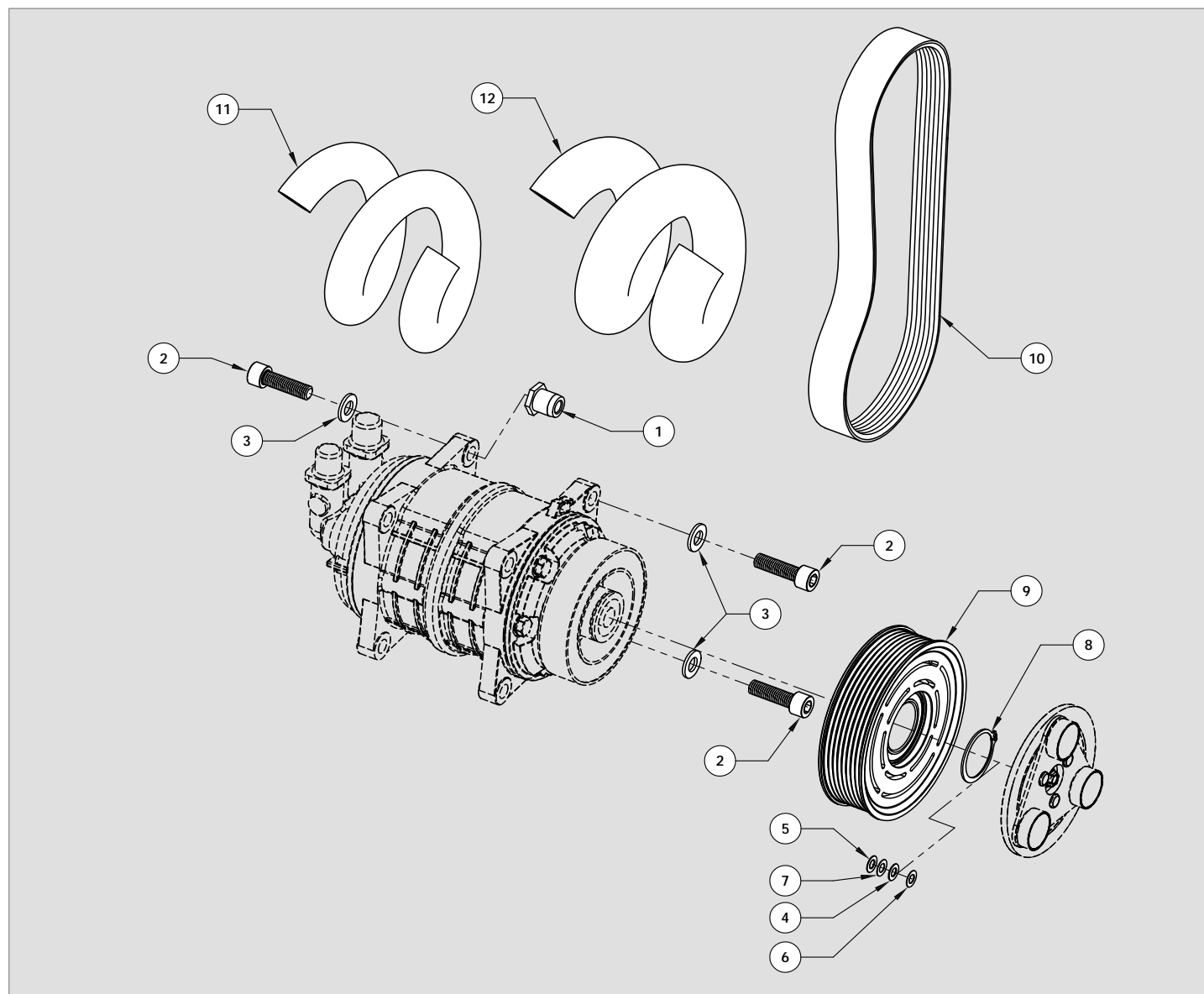
**NB:** This calls awareness to make the job easier or gives useful information.

## 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	1710.5141	Spacer Compressor - 16.0 OD x L 16.0 ~ M10 x 20 AF	1	
2	2705.5261	Hex socket head cap screw M10 x 35 : 1.50 - 10.9	3	
3	2809.0011	Washer M10 Flat DIN 125 - A 10.5	3	
4	0431.0041	Clutch Shim 0.6	1	
5	0431.0021	Clutch Shim 0.5	1	
6	0431.0011	Clutch Shim 0.4	1	
7	0431.0001	Clutch Shim 0.3	1	
8	0431.0071	Circlip External - QUE / Seltec Clutch	1	
9	0411.5134	Clutch Rotor TM13,15,16 - PV8 127 Dia 50.1 GL	1	
10	0820.7041	Belt - Poly Groove 8PK 2335	1	
11	1430.0142	Heat Shield Sleeve ID20, L0.5	1	
12	1430.0162	Heat Shield Sleeve ID30, L 0.5	1	

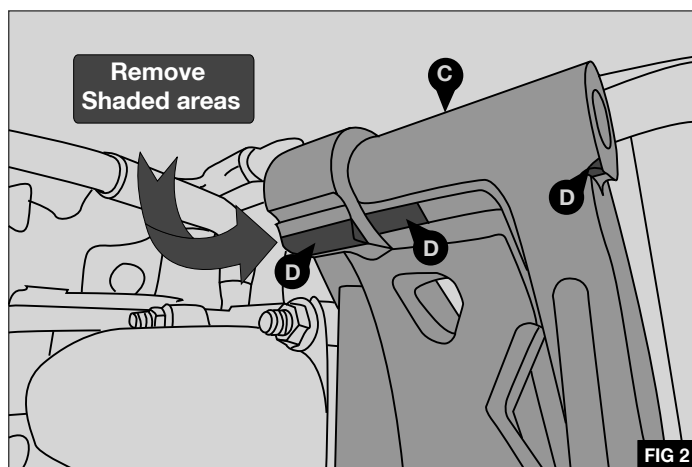
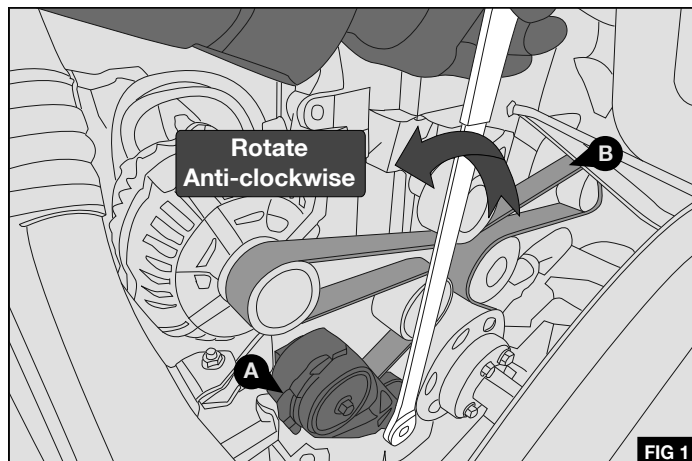
## PRE-INSTALLATION

**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.

1. Following the manufacturer's guide lines tilt the vehicle cab.
2. Disconnect the battery.

### Remove the following parts:

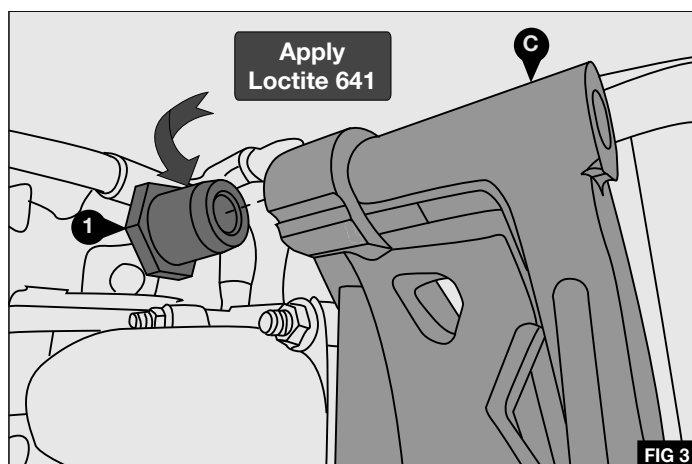
3. Using a suitable tool rotate the automatic belt tensioner pulley (A) anti-clockwise - Fig.1
4. Release the belt tension (A) and remove and discard the original drive belt (B) - Fig1.
5. Remove the shaded areas (D) using a suitable tool from the original compressor mounting bracket (C) to allow clearance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



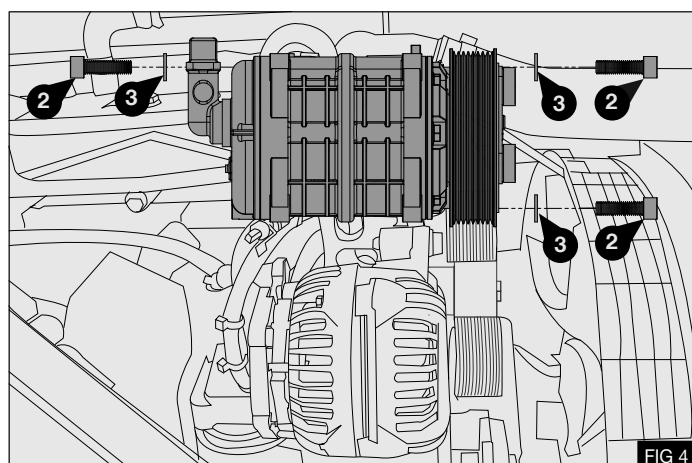
## INSTALLATION

1. Fit the supplied insert (1) into the original manufacturer's compressor bracket boss as shown - Fig 3.

**Note:** Add Loctite 641 shaft lock compound to the insert (1) before installing into the compressor boss as shown - Fig 3.



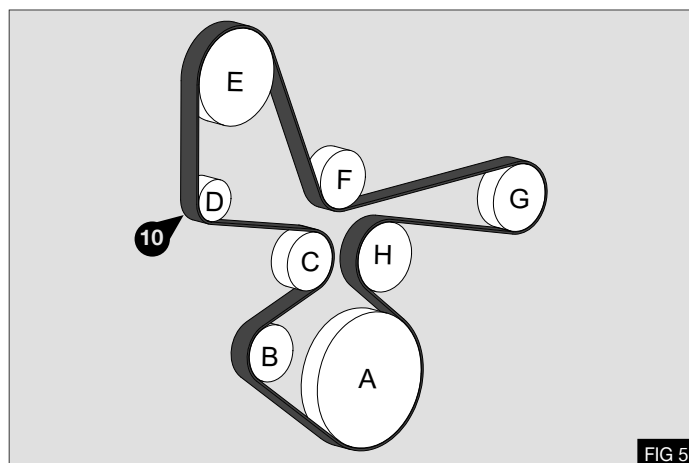
2. Install the supplied clutch rotor (9) to the compressor as detailed in assembly manual 2906.0501
3. Mount the compressor to the bracket using three M10 x 35 Cap screws (2) and washers (3) - Fig 4
4. Torque the three M10 x 35 Cap screws (2) to 58Nm / 42 lb.ft



## DRIVE BELT

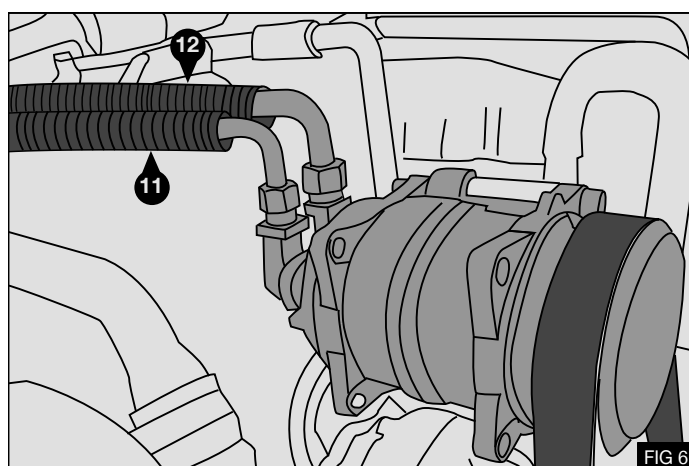
1. Fit the supplied poly groove drive belt (10) to the configuration shown - Fig 5

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



## COMPRESSOR HOSES

1. Fit the supplied heat protection sleeving (11) & (12) to the suction and discharge hoses as shown - Fig 6



## 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**