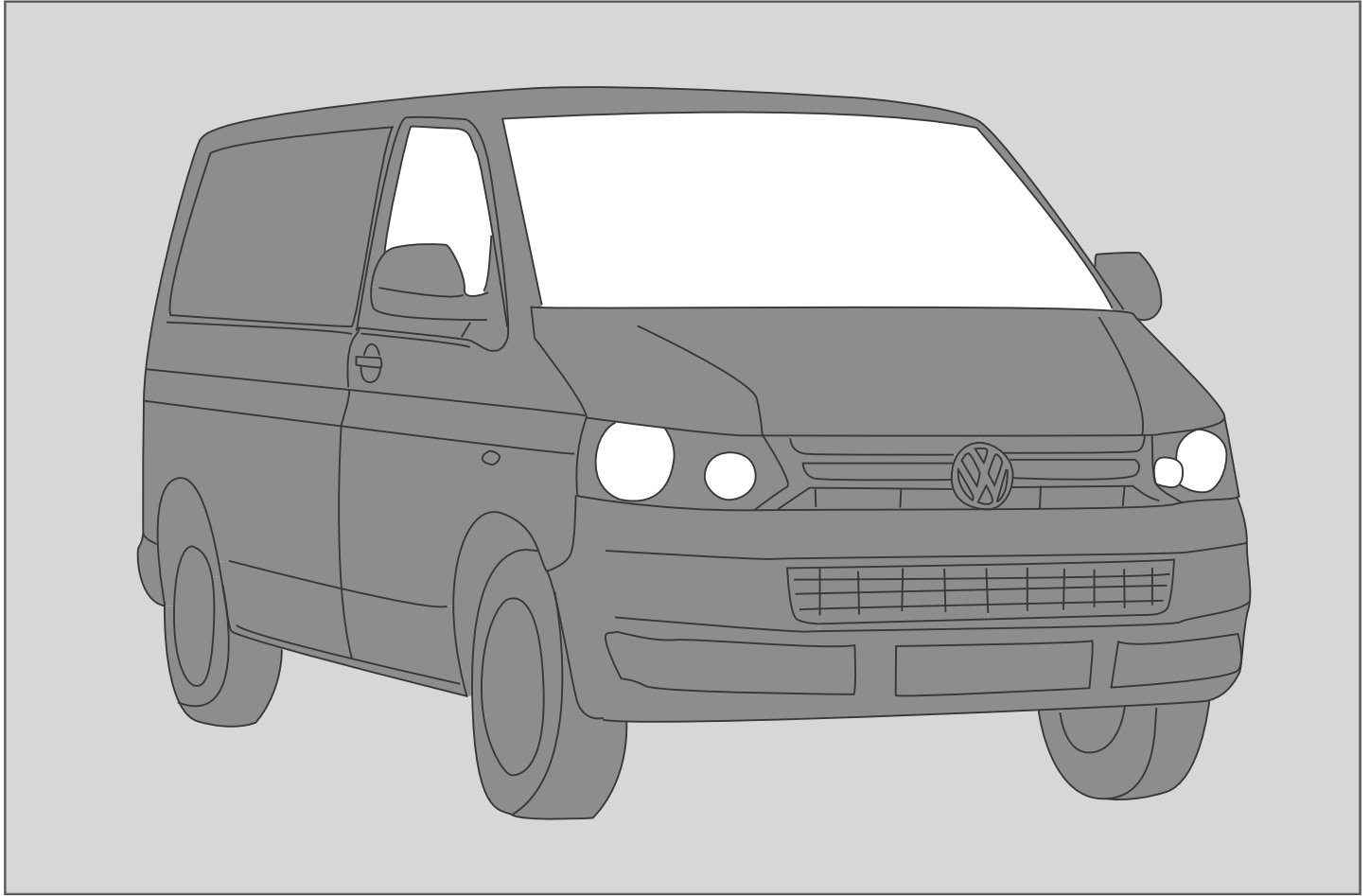


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VEHICLE DETAILS

Manufacturer	Volkswagen
Make	Transporter T5
Model	T26/T28/T30/T32 2.0L TDI Euro 5
Engine CC	1968
Engine Details	CAAA 84PS, CAAB 102PS, CCHB / CAAE 136PS, CAAC / CCHA 140PS, CFCA 180PS
Year	2010>
Chassis Nos.	N/A
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	12v

ADAPTER KIT DETAILS

Kit Part No.	0500.6242
Description	Standard Kit
Compressor RPM	4083 @ Max Engine
	Power Output
Fitting Time	30 Minutes
Suction Fitting	45°
Discharge Fitting	45°
Belt Type	6PK 1590
Belt Part No.	0820.5301
Note	Leaf Spring Clutch ONLY
Compatible with:	DSG / 4Motion / Blue Motion / Start stop

COMPATIBLE COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	-	0381.5072	-
Seltec No.	-	-	-
Mounting	-	Direct	-
Rotor	-	8PV	-
Armature	-	SL	-
Diameter	-	123	-
Voltage	-	12	-
Orientation	-	H	-
Fitting	-	3/4 x 7/8	-
Manifold	-	Bolt	-

QUE	QP13-HD	QP15-HD	QP16-HD
Comp No	-	0391.5102	-
Que No.	-	-	-
Mounting	-	Direct	-
Rotor	-	8PV	-
Armature	-	SL	-
Diameter	-	123	-
Voltage	-	12	-
Orientation	-	H	-
Fitting	-	3/4 x 7/8	-
Manifold	-	Bolt	-

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

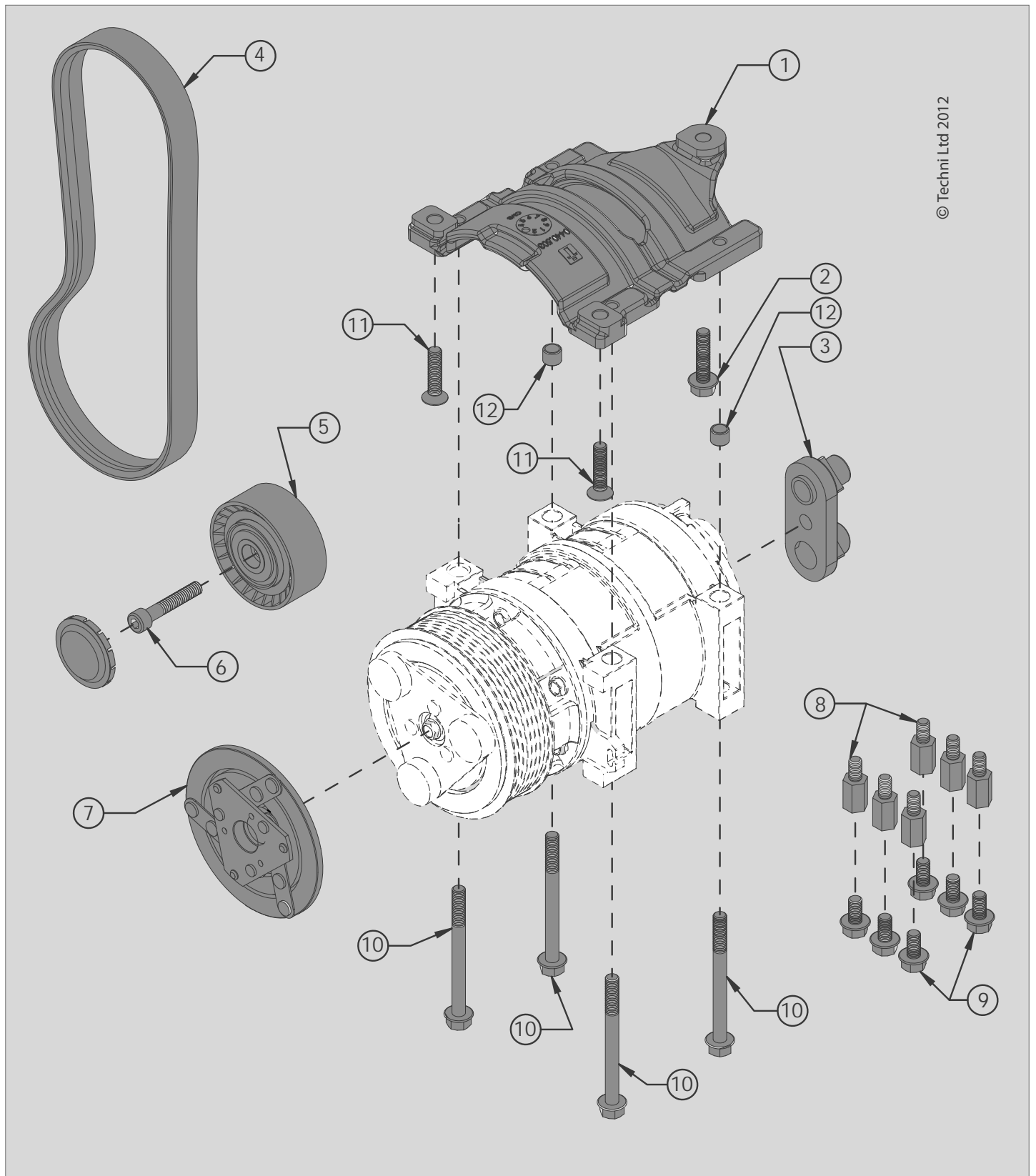
Notes

COMPRESSOR KIT CONFIGURATIONS

PART NUMBER	COMPRESSOR KIT PART NOS						DESCRIPTION	QTY.
	0515.6242	0595.6242		
0381.5072	●						TM15 Direct Mount 8PV SL 123 12V H 3/4 x 7/8 Bolt	1
0391.5102		●					QP15 Direct Mount 8PV SL 123 12V H 3/4 x 7/8 Bolt	1

● = Additional parts to standard kits.

PARTS VIEW



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PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY.	COMMENTS
1	0440.5033	Compressor Mounting Bracket	1	-
2	2704.0481	Hexagon Flange Bolt - M8 x 35 : 1.25	1	-
3	0425.0141	Manifold Seltec/QUE H 3/4 x 7/8	1	-
4	0820.5301	Belt - Poly Groove 6PK 1590	1	-
5	1700.5131	Idle Pulley VW 6PK x 70 - With Cover	1	-
6	2704.5341	Hexagon Socket Head Cap Screw M8 x 45 : 1.25	1	-
7	0421.0011	Clutch Armature SL - Seltec/QUE 13/15/16	1	-
8	2803.5051	Steel Stand-off Pillar Male/Female	6	-
9	2704.1521	Hexagon Flange Bolt Durlok - M8 x 16 : 1.00 - 12.9	6	-
10	2704.5381	Hexagon Flange Bolt - M8 x 90 : 1.25 - 12.9	4	-
11	2704.5441	Flat Countersunk Head Cap Screw M8 x 35 : 1:25	2	-
12	2800.5571	Dowel Bush - OD11.4 x ID8.50 x L9.00	2	-

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.

<p>1 SAFETY MEASURES:</p> <p>Before fitting the Compressor adapter drive kit, ensure the following for damage:</p> <ul style="list-style-type: none"> a Inner and outer trim and body work b Engine idle pace c Check all the vehicle functions <p>Check list:</p> <ul style="list-style-type: none"> 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. 	<p>Installation apparatus</p> <ul style="list-style-type: none"> a Calibrated torque wrench b Hand service tools c Protective covers and shields <p>2 PRECAUTIONS</p> <ul style="list-style-type: none"> 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
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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								
	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.

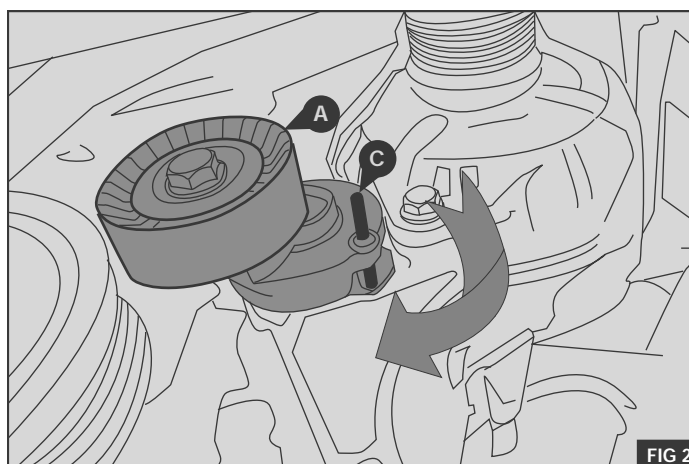
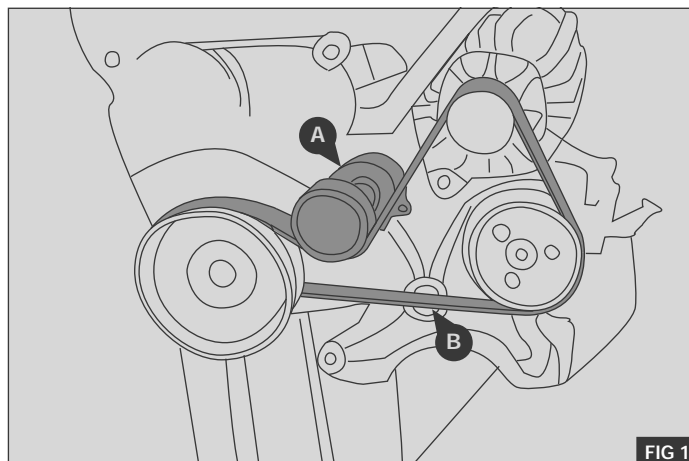
Dismantle the following:

1. Remove and retain the original engine under panel if fitted.

NB: 2011 MY vehicles do not have an engine under panel fitted.

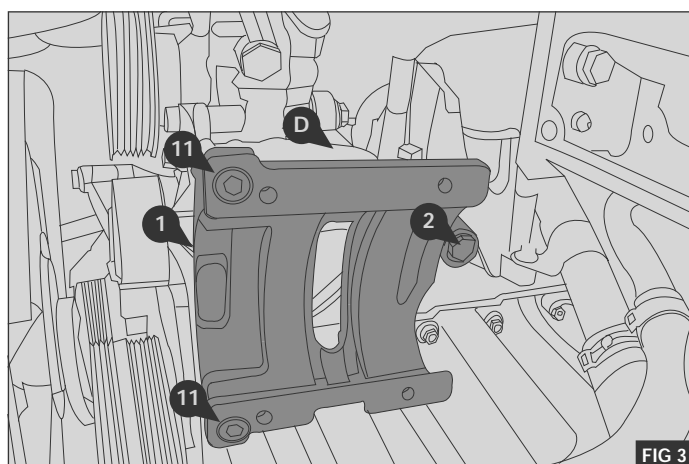
2. Using a suitable tool rotate the automatic belt tensioner pulley (A) in a clockwise direction and insert a suitable 4mm pin, an Allen key is ideal for this purpose (C) - Fig.2
3. Remove and discard the original manufacturers poly groove drive belt (B) - Fig 1

NB: Please refrain from using "Loctite" unless otherwise notified



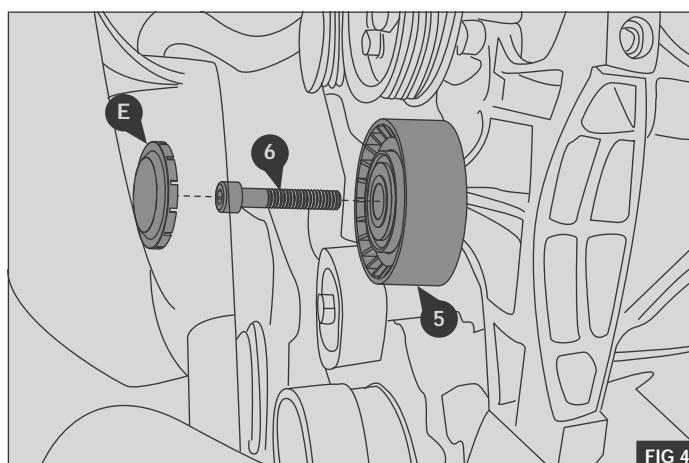
COMPRESSOR BRACKET INSTALLATION

1. Loosely install the compressor mount bracket (1) onto the original mounting bracket (D), using the two supplied M8 x 35 countersunk screws (11) and one M8 x 35 Bolt (2) - Fig.3
2. Torque the two mounting screws (11) to 20Nm / 15lb.ft and bolt (2) to 29Nm / 21lb.ft using a calibrated torque wrench – Fig.3





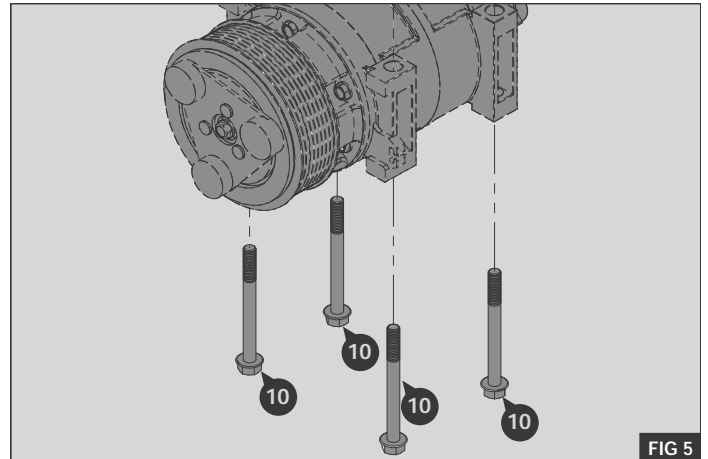
IDLE PULLEY INSTALLATION

1. Fit the supplied Idle pulley (5) to the original auxiliary mounting bracket. Fixing it with the supplied bolt (6) M8 x 45 - Fig.4
2. Torque bolt (6) 20Nm / 15lb.ft. using a calibrated torque wrench.
3. Fit the supplied idle pulley bearing cover (E)




COMPRESSOR INSTALLATION

1. Fit the compressor to the compressor mount bracket assembly. Fixing it with the supplied bolts  M8 x 90 - Fig.5
2. Torque the four bolts  to 15Nm / 11lb.ft. using a calibrated torque wrench.



DRIVE BELT

1. Fit the supplied replacement poly groove engine drive belt  to the engine in the configuration shown - Fig.6

CP Crankshaft Pulley

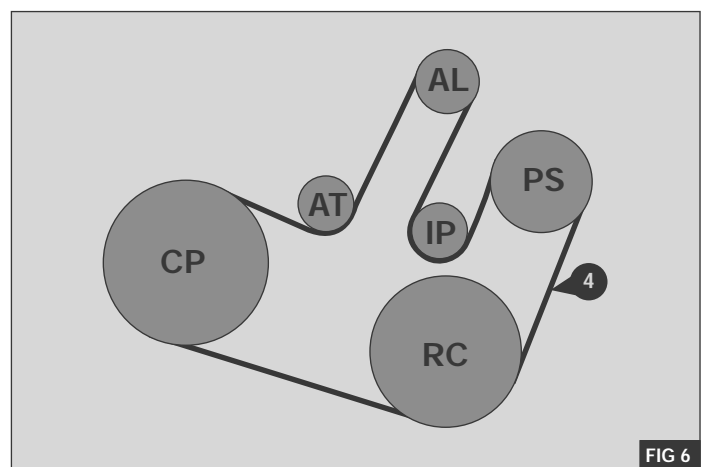
AT Automatic Tensioner

AL Alternator



RC Refrigeration Compressor

PS Power Steering



IP Idle Pulley



WARNING: Align the supplied drive belt by installing in the correct clutch groove - Fig.7

2. Release the automatic belt tensioner  and remove the securing pin  - Fig.2

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.
2. **Vehicles with engine under panels only** - Fit the supplied spacers  into the original under panel locations and tighten to 20Nm / 15lb.
3. Fit the engine under panel to the vehicle using the supplied M8 x 16 bolts , torque bolts to 20Nm / 15lb.

