

VOLKSWAGEN TRANSPORTER T5 / T6

T26/T28/T30/T32 2.0L TDI EURO 5

CODE / CODICE: 0500.8012

**COMPRESSOR / COMPRESSEUR /
KOMPRESSOR / COMPRESSORE / COMPRESOR :**

**SELTEC TM15
QUE QP15**

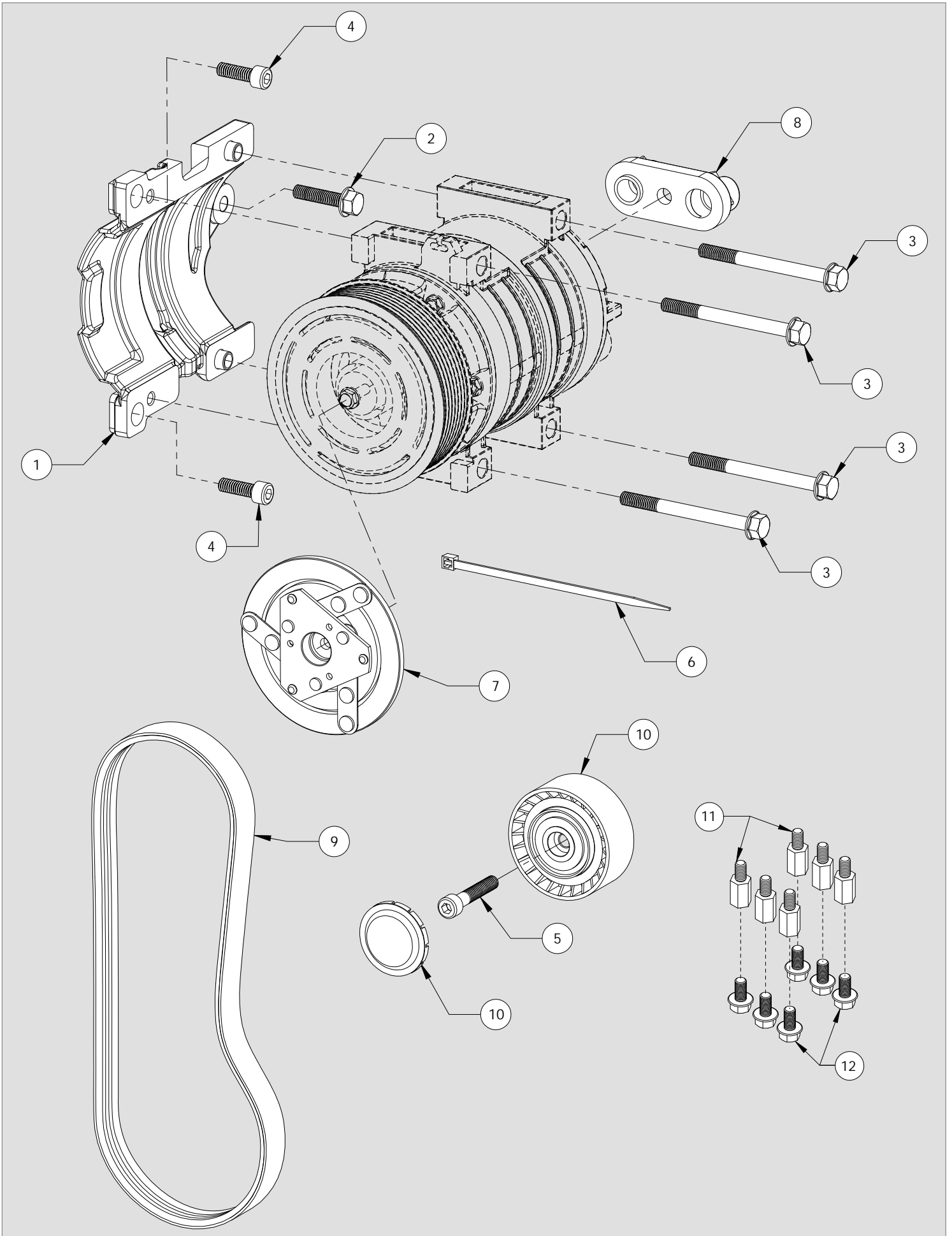
FITTING INSTRUCTIONS

**EINBAUANLEITUNGEN
INSTRUCTIONS POUR LE MONTAGE
ISTRUZIONI DI MONTAGGIO
INSTRUCCIONES DE MONTAJE**

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PARTS VIEW / VUE ÉCLATÉE / TEILEANSICHT / VISTA PARTA / IMÁGENES DE LAS PIEZAS



PARTS LIST / NOMENCLATURE / TEILELISTE / ELENCO DELLE PARTI / LISTA DE PIEZAS

ITEM	CODE / CODICE / KODE / CODIGO	DESCRIPTION / DESCRIZIONE / BESCHREIBUNG / DESCRIPCION	QTY.	COMMENTS
1	0441.5035	CMB Assy - VW Transporter 2.0 No A/C - TM15 Direct	1	
2	2704.0481	Hex flange bolt Durlok - M8 x 35 : 1.25 - 12.9	1	
3	2704.5381	Hex flange bolt - M8 x 90 : 1.25 - 8.8	4	
4	2704.5371	Hex socket head cap screw M8 x 25 : 1.25 - 12.9	2	
5	2704.5341	Hex socket head cap screw M8 x 45 : 1.25 - 12.9	1	
6	2763.0051	Cable Tie 4.8 x 370 - Black	1	
7	0421.0011	Clutch Armature SL - Seltec/QUE 13/15/16	1	
8	0425.0141	Manifold Seltec/QUE H 3/4 x 7/8	1	
9	0820.5301	Belt - Poly Groove 6PK 1590	1	
10	1700.5131	Idle Pulley VW 6PK x 70	1	
11	2803.5051	Steel Stand-off Pillar Male/Female	6	
12	2704.1521	Hexagon Flange Bolt Durlock M8 x 16:1.25-12.9	6	

**COMPATIBLE COMPRESSORS / COMPRESSEURS RECOMMANDÉS / EMPFOHLENE KOMPRESSOREN
RACCOMANDATO COMPRESSORI / RECOMENDADAS COMPRESORES**

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

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

SANDEN	-	-	-
Comp No	-	-	-
Sanden No.	-	-	-
Mounting	-	-	-
Rotor	-	-	-
GL	-	-	-
Armature	-	-	-
Diameter	-	-	-
Voltage	-	-	-
Orientation	-	-	-
Fitting	-	-	-

NOTES

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.

COUPLES DE SERRAGE DES FIXATIONS STANDARDS

Si des chiffres de serrage au couple particuliers ne sont pas indiqués dans cette notice de montage, se référer au tableau suivant qui servira de guide pour le couple de sécurité maximum correspondant à une taille et un grade spécifiques de fixation.

ANZIEHMOMENTE FÜR STANDARDBEFESTIGUNGSMITTEL





Falls in dieser Einbauanleitung keine speziellen Anziehmomente angegeben sind, kann die folgende Tabelle als Richtlinie für das maximale sichere Anziehmoment für eine spezifische Größe oder Qualität von Befestigungsmitteln dienen.

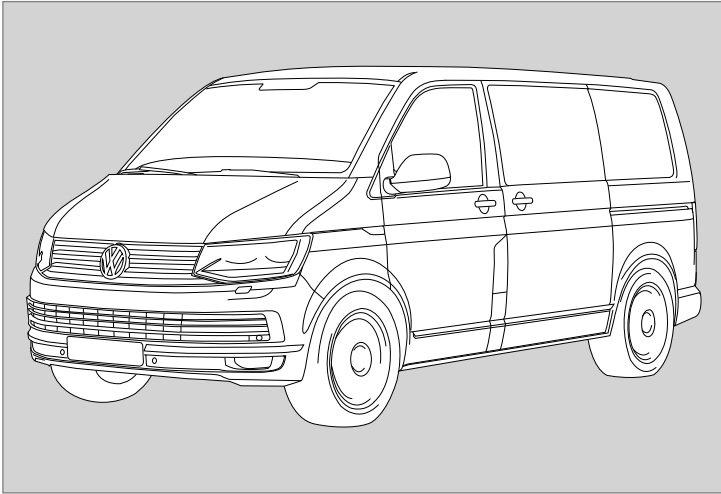
VALORI STANDARD DI SERRAGGIO PER DISPOSITIVI DI FISSAGGIO

In assenza di valori specifici di coppia nel presente manuale di istruzioni, si può utilizzare la seguente tabella come guida per conoscere la coppia massima sicura in base a dimensioni e grado del dispositivo di fissaggio.

VALORES ESTÁNDAR DE LOS PARES DE APRIETE Y FIJACIÓN

En ausencia de valores para los pares de apriete específicos detallados en este manual de instrucciones de montaje, se puede utilizar la siguiente tabla como guía para consultar el máximo par de torsión seguro para un tamaño concreto y su grado de fijación.

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



VEHICLE DETAILS

Manufacturer	Volkswagen
Make	Transporter T5 / T6
Model	T26/T28/T30/T32 2.0L TDI Euro 5
Engine CC	1968
Engine Details	CAAA 84PS, CAAB 102PS, CAAC 140PS, CFCA 180PS
Year	10.15>
Chassis Nos.	N/A
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	12v

KIT DETAILS

Kit Part No.	0500.8012
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

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 vehicle's ignition key and keep it with you.
- e Wear safeguards and 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.

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.

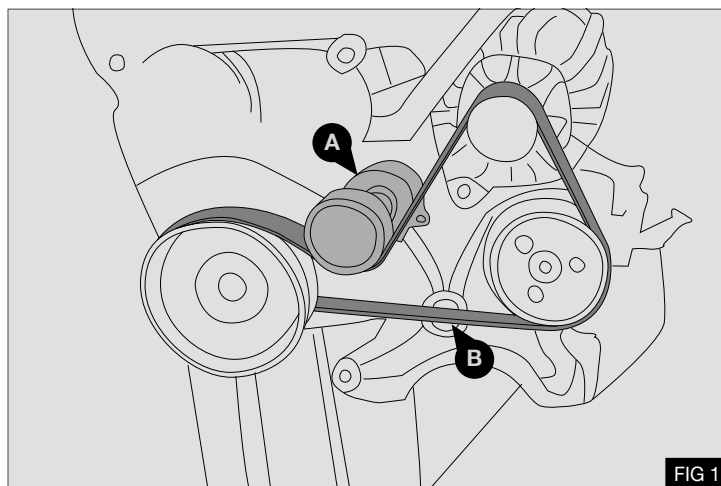


FIG 1

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

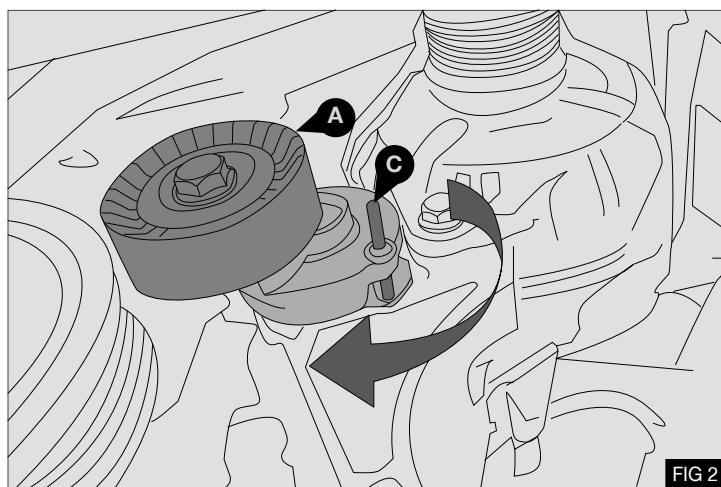


FIG 2

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 25 hex head cap screws (4) and one M8 x 35 Bolt (2) - Fig.3
2. Torque the two mounting screws (4) to 29Nm / 21.4lb.ft and bolt (2) to 29Nm / 21.4lb.ft using a calibrated torque wrench - Fig.3

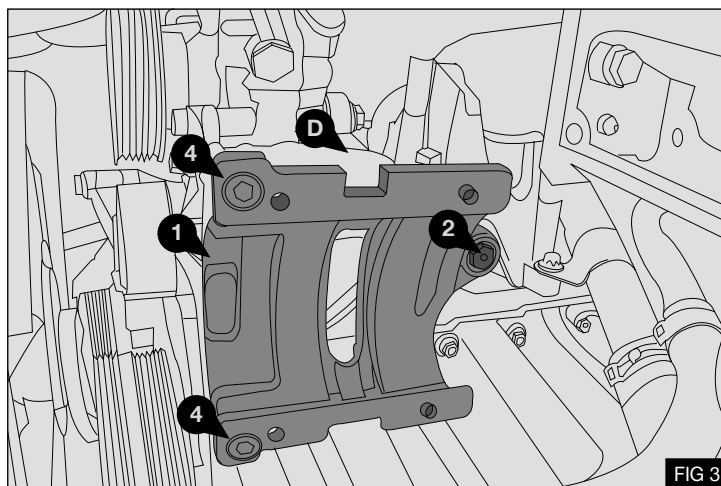


FIG 3

IDLE PULLEY INSTALLATION

1. Fit the supplied Idle pulley (10) to the original auxiliary mounting bracket. Fixing it with the supplied bolt (5) M8 x 45 - Fig.4
2. Torque bolt (5) 29Nm / 21.4lb.ft using a calibrated torque wrench
3. Fit the supplied idle pulley bearing cover (E)

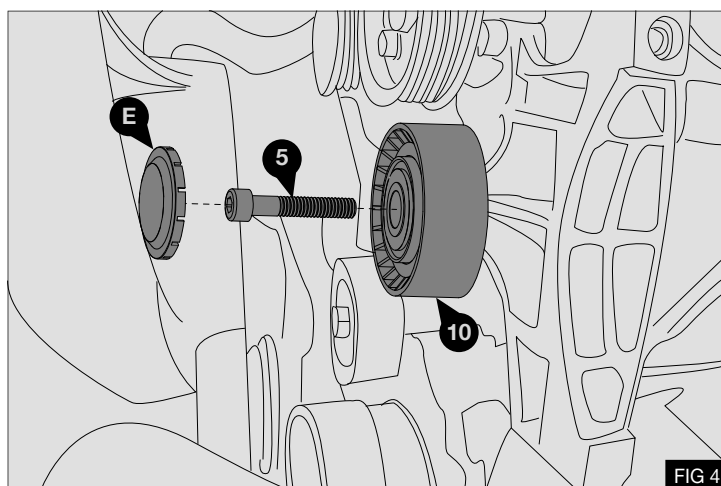


FIG 4

COMPRESSOR INSTALLATION

1. Fit the compressor to the compressor mount bracket assembly. Fixing it with the supplied bolts (3) M8 x 90 - Fig.5
2. Torque the four bolts (3) to 22Nm / 16.2lb.ft. using a calibrated torque wrench.

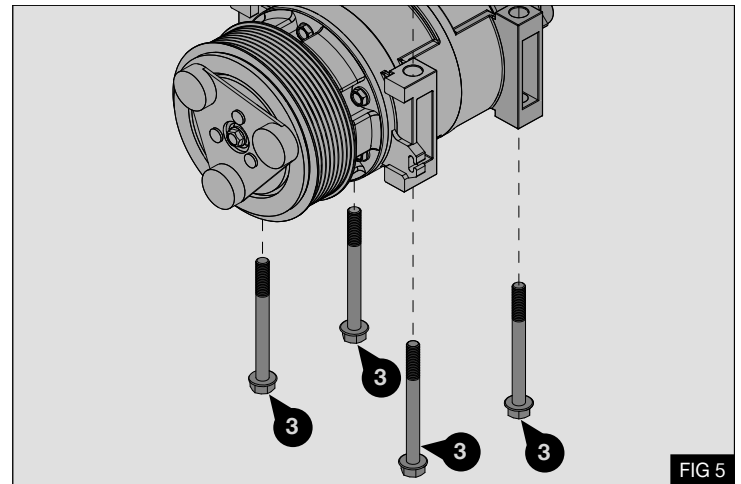


FIG 5

DRIVE BELT

1. Fit the supplied replacement poly groove engine drive belt (9) 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

2. Release the automatic belt tensioner (A) and remove the securing pin (C) - Fig.2

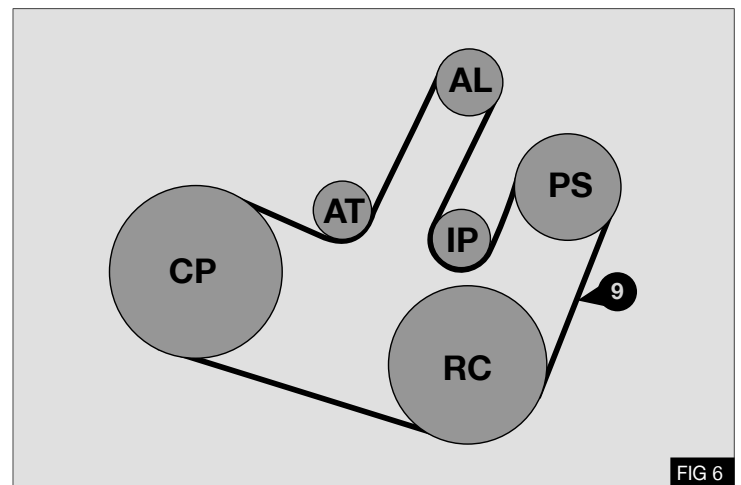


FIG 6

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.
2. **Vehicles with engine under panels only** - Fit the supplied spacers (11) 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 (12), torque bolts to 20Nm / 15lb.

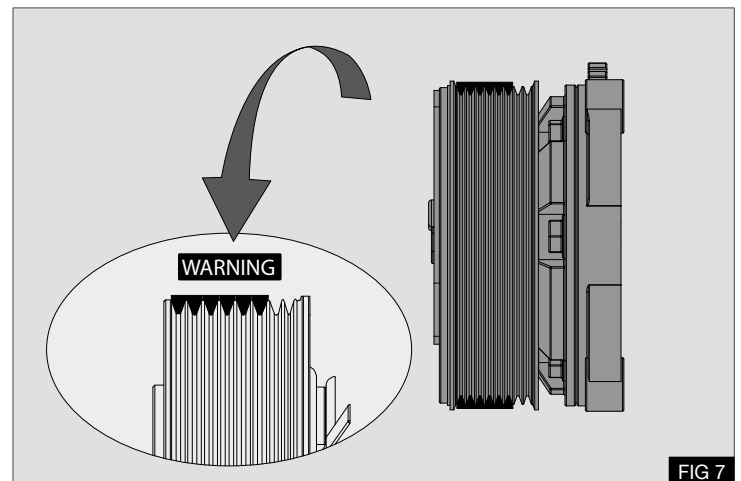
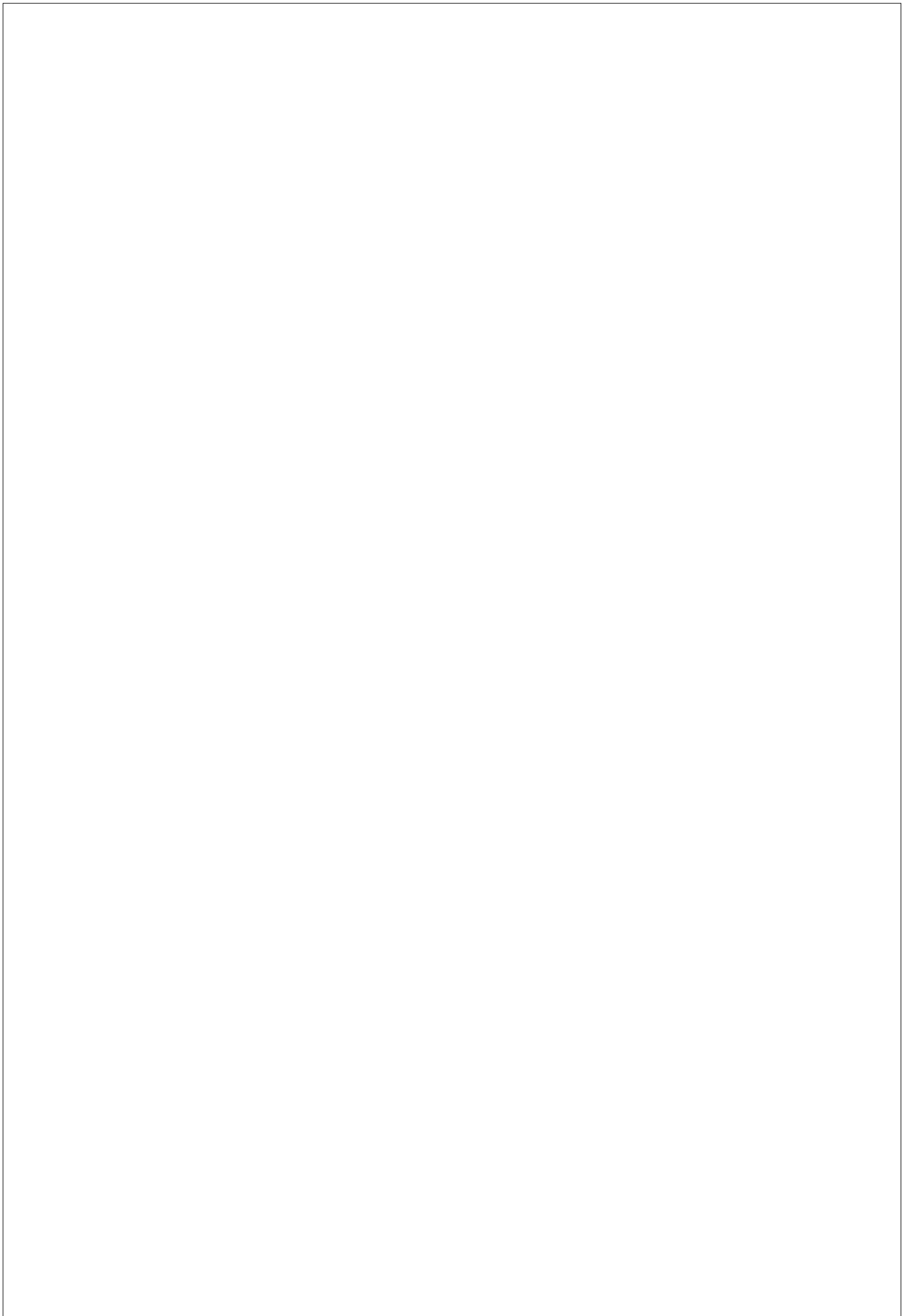


FIG 7



(EN)

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