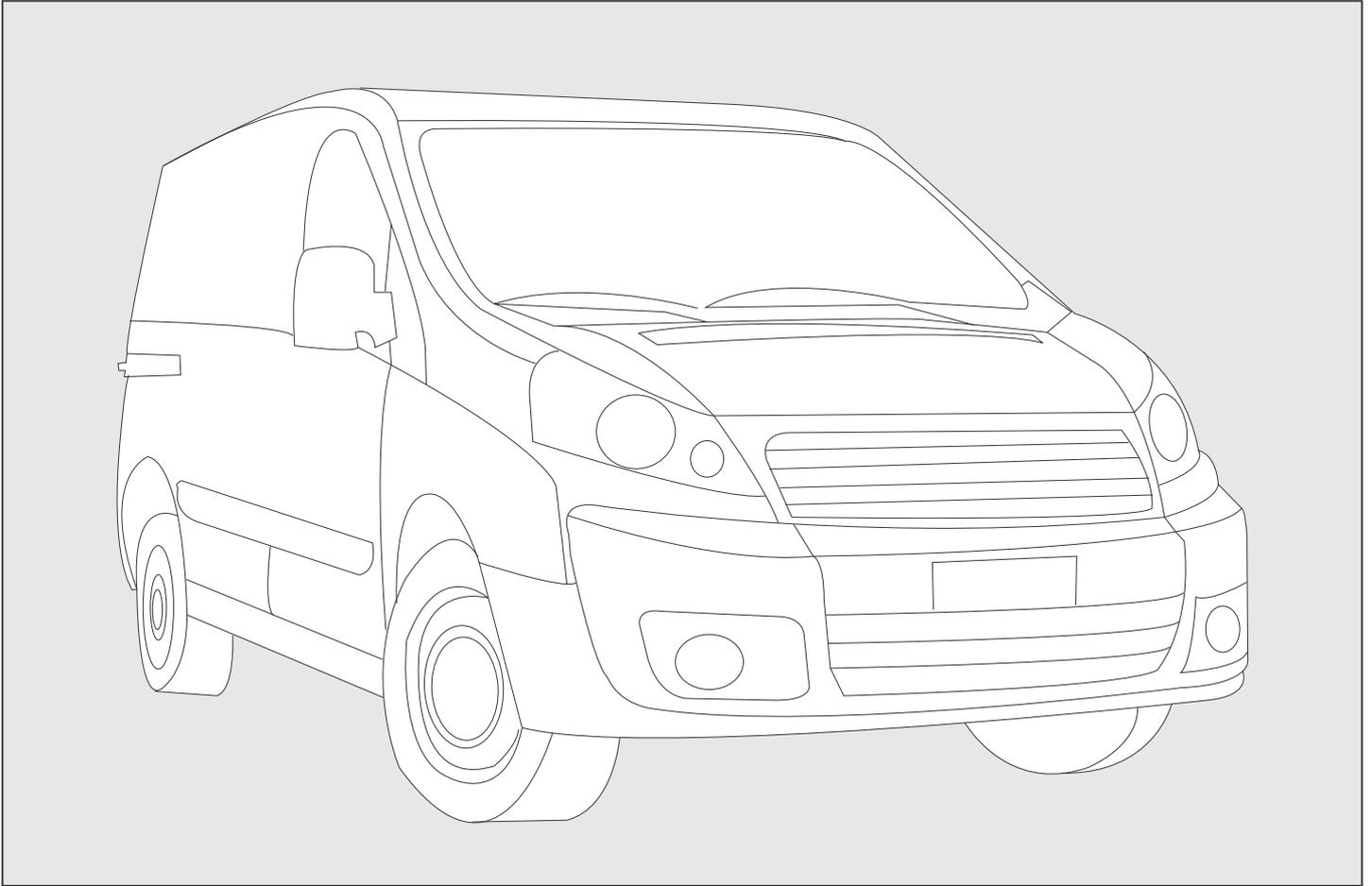


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**VEHICLE DETAILS**

Manufacturer	Citroen / Fiat
Make	Dispatch / Scudo
Model	95/ 125 / 160
Engine CC	1997 CC
Engine Details	98, 128, 163 PS EURO 5 DW10C
Year	12.2011 >
Chassis Nos.	N/A
LHD	YES
RHD	YES
PAS	YES
A/C	NO
Voltage	12v

**ADAPTER KIT DETAILS**

Kit Part No.	0500.6452
Description	Standard Kit
Compressor RPM	4790 @ Max engine power output
Fitting Time	60 Minutes
Suction Fitting	90°
Discharge Fitting	45°
Belt Type	6PK 1250
Belt Part No.	0820.5871

## COMPATIBLE COMPRESSORS

SELTEC	TM-13 HS	TM15-HS	TM16-HS
Comp No	0381.0352	0381.5002	-
Seltec No.	-	-	-
Mounting	Ear	Ear	-
Rotor	8PV	8PV	-
Armature	3E	3E	-
Diameter	123	123	-
Voltage	12	12	-
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	0391.0352	0391.5002	-
Que No.	QP13-1274	QP15-1266	-
Mounting	Ear	Ear	-
Rotor	8PV	8PV	-
Armature	3E	3E	-
Diameter	123	123	-
Voltage	12	12	-
Orientation	H	H	-
Fitting	3/4 x 7/8	3/4 x 7/8	-
Manifold	Bolt	Bolt	-

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

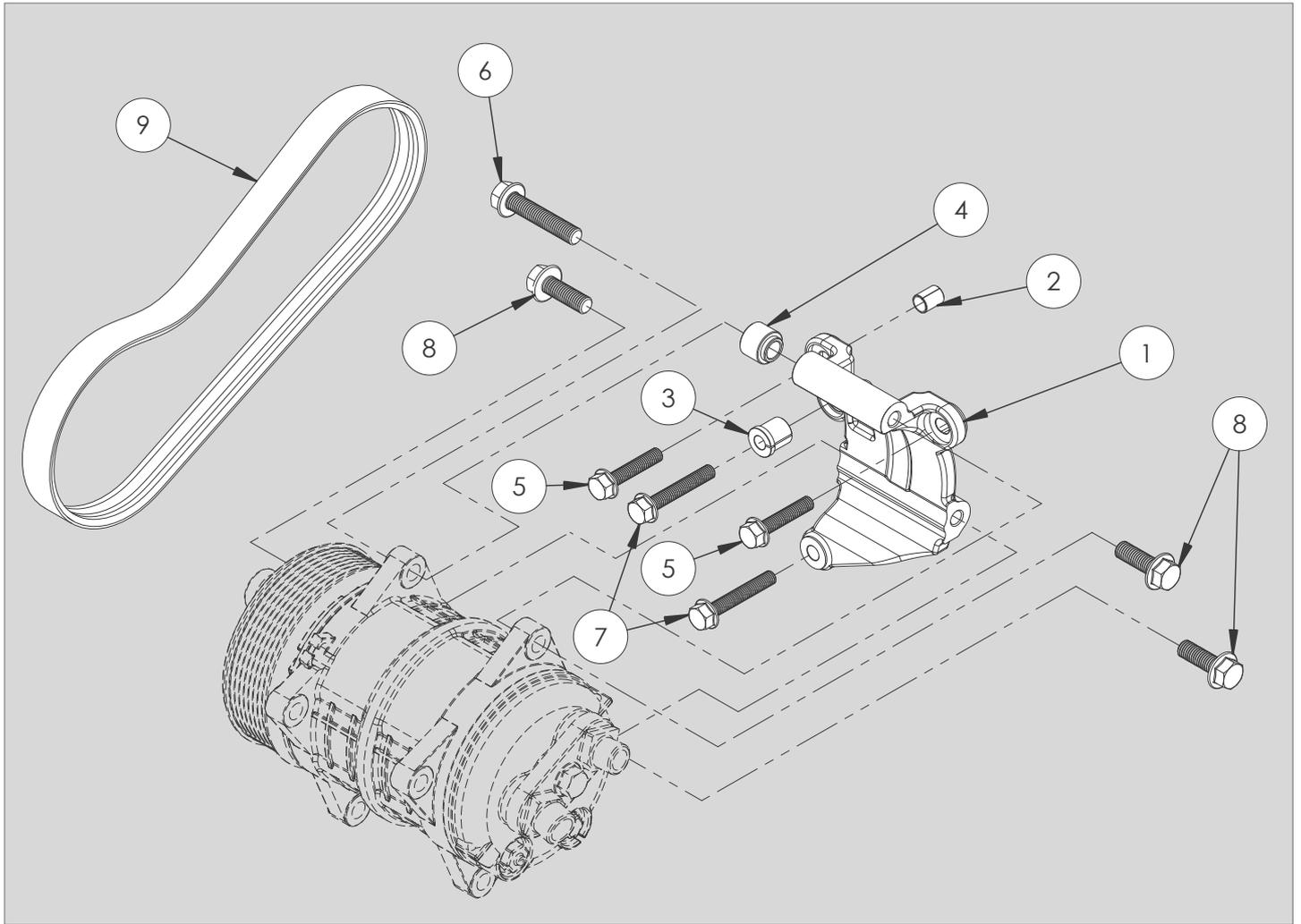
Notes

## COMPRESSOR KIT CONFIGURATIONS

PART NUMBER	COMPRESSOR KIT PART NOS				DESCRIPTION	QTY.
	0513.6452	0515.6452	0593.6452	0595.6452		
0381.0352	●				TM13 Ear Mount 8PV 3E 123 12V H 3/4 x 7/8 Bolt	1
0381.5002		●			TM15 Ear Mount 8PV 3E 123 12V H 3/4 x 7/8 Bolt	1
0391.0352			●		QP13 Ear Mount 8PV 3E 123 12V H 3/4 x 7/8 Bolt	1
0391.5002				●	QP15 Ear Mount 8PV 3E 123 12V H 3/4 x 7/8 Bolt	1

● = Additional parts to standard kits.

**PARTS VIEW**



ITEM	PART NO.	DESCRIPTION	QTY.	COMMENTS
1	0440.5143	Compressor Mount Bracket Assembly	1	-
2	2800.5551	Split Dowel Bush - OD11.0 x 9.2 x 13.75	1	-
3	2800.5563	Split Bush OD:16 x ID:8.5 x L:17.5	1	-
4	2803.4033	Spacer OD:20.00 x ID:10.5 x L:14	1	-
5	2704.0201	Hex Flange Bolt Durlok - M8 x 40 : 1.25 - 12.	2	-
6	2705.0341	Hex Flange Bolt Durlok - M10 x 50 : 1.50 - 12.9	1	-
7	2704.0101	Hex Flange Bolt - M8 x 50 : 1.25 - 10.9	2	-
8	2705.0491	Hex Flange Bolt Durlok - M10 x 30 : 1.50 - 12.9	3	-
9	0820.2241	Belt - Poly Groove 6PK 1250	1	-

## 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:**

- Inner and outer trim and body work
- Engine idle pace
- Check all the vehicle functions

**Check list:**

- Ensure that the right kit has been selected
- Before installing, check that all the correct pieces are present; also ensure that there are no missing or broken pieces
- When fitting, make sure the vehicle is properly protected against damage.

### Installation apparatus

- Calibrated torque wrench
- Hand service tools
- Protective covers and shields

### 2 PRECAUTIONS

- Detach the battery negative lead.
- Torque all bolts where stated using a calibrated torque wrench.
- Take extreme care with moving parts.
- Remove the vehicles ignition key and keep it with you.
- 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.

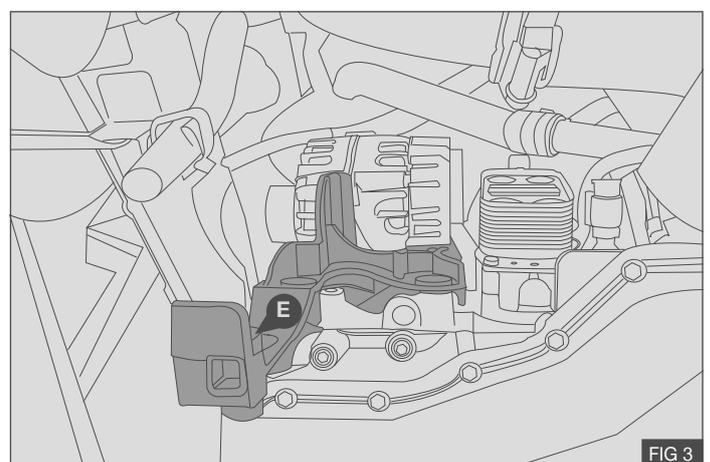
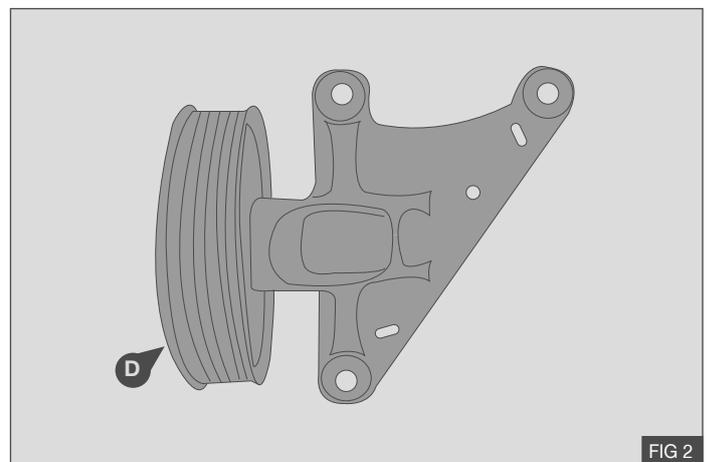
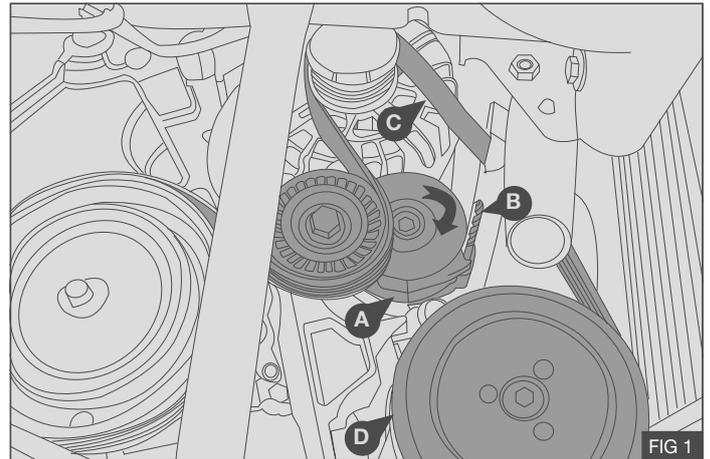
STRENGTH	4.8		8.8		10.9		12.9	
	Max Torque		Max Torque		Max Torque		Max Torque	
Dia / Pitch	lb.ft	Nm	lb.ft	Nm	lb.ft	Nm	lb.ft	Nm
M5 x 0.80	2	3	4.5	6	6.5	9	7.5	10
M6 x 1.00	4	5.5	7.5	10	11	15	13	18
M8 x 1.25	10	13	18	25	26	35	33	45
M10 x 1.25	20	27	39	53	57	78	66	90
M10 x 1.50	18	25	37	50	55	73	63	86
M12 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

## PRE INSTALLATION

**NB** 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. Using a suitable tool rotate the automatic belt tensioner pulley **A** clockwise and insert a suitable 4mm pin, an Allen key is ideal for this purpose **B** - Fig.1
2. Remove and discard the original manufacturers poly groove drive belt **C**.
3. Remove and discard the original vehicle manufacturers mounting bracket assembly **D** that supports the idle pulley when the vehicle is not fitted with air conditioning, discard the 3 bolts **E** - Fig.2
4. Remove and discard the original M8 bolt **E** from the original mounting bracket - Fig.3

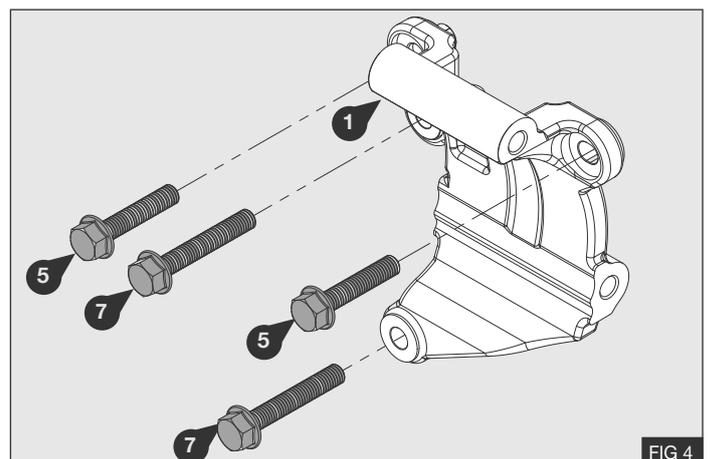


**NB:** Please refrain from using “Loctite” unless otherwise notified

## COMPRESSOR BRACKET INSTALLATION

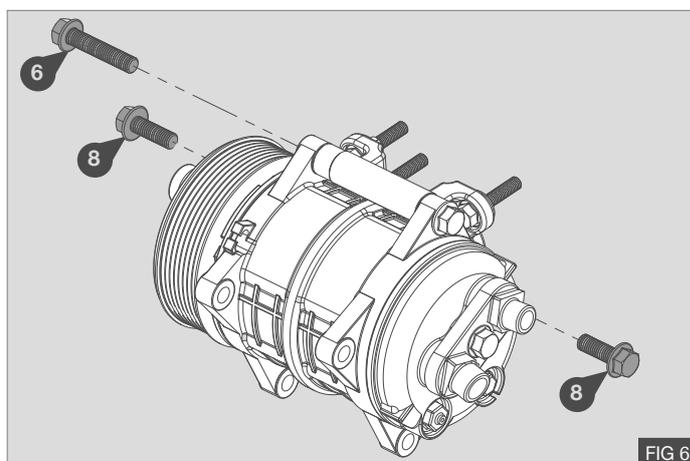
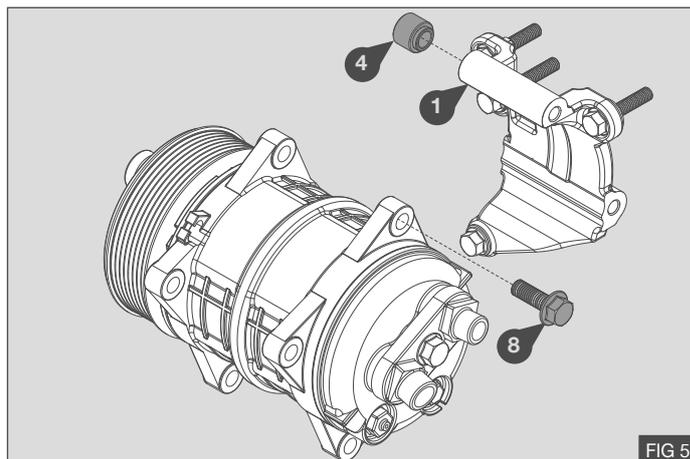
**NB:** Ensure the correct length bolt is installed in the correct location shown in Fig 4.

1. Install the supplied compressor mount bracket **1** into the position previously taken by the original mounting bracket using the 2 bolts **5** M8 x 40 and 2 bolts **7** M8 x 50 - Fig.3
2. Torque bolts **5** & **7** to 25Nm / 18lb.ft. using a calibrated torque wrench.



## COMPRESSOR INSTALLATION

1. Locate the spacer ④ into the mount bracket assembly ①
2. Locate the bolt ⑧ M10 x 30 into the compressor ear and fit compressor to the mount bracket assembly ①, loosely fit the bolt ⑧ to the bracket assembly - Fig 5
3. Fit the remaining two bolts ⑧ M10 x 30 and bolt ⑥ M10 x 50 - Fig 6
4. Torque the three M10 x 30 bolts ⑧ to 50 Nm / 37 Lb ft using a calibrated torque wrench
5. Torque the M10 x 50 bolt ⑥ to 50 Nm / 37Lb ft using a calibrated torque wrench.



## DRIVE BELT

1. Fit the supplied replacement poly groove engine drive belt ⑨ to the engine in the same configuration in accordance with the original manufacturers design - Fig.8

**CP** Crankshaft Pulley

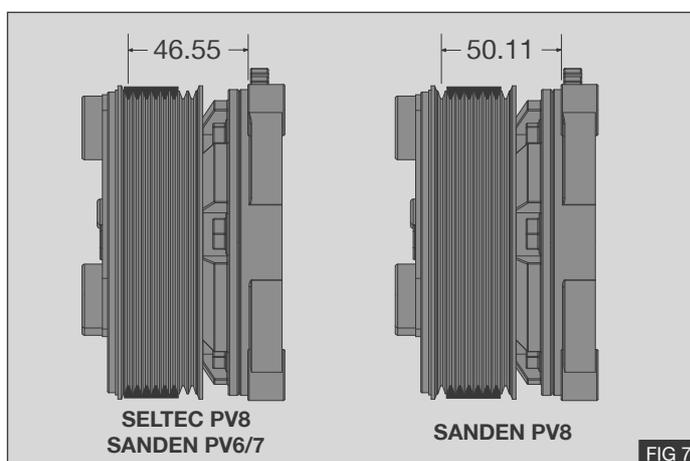
**AT** Automatic Tensioner

**AL** Alternator

**RC** Refrigeration Compressor

**NB:** Where applicable and dependent, on the compressor model, align the supplied drive belt by installing in the correct clutch groove - Fig.7 Seltec PV8 has the same gauge line (46.55) as the Sanden PV6 & PV7, belt is fitted to front groove.

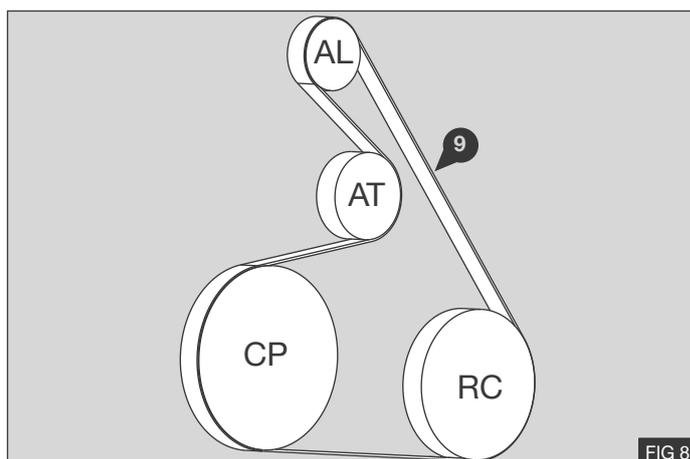
Sanden PV8 has a unique gauge line (50.11) in most cases, belt is fitted to second groove. If in any doubt, please check with your compressor supplier



2. Release the automatic belt tensioner (A) and remove the securing pin if fitted previously.

## 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.



**Notes**