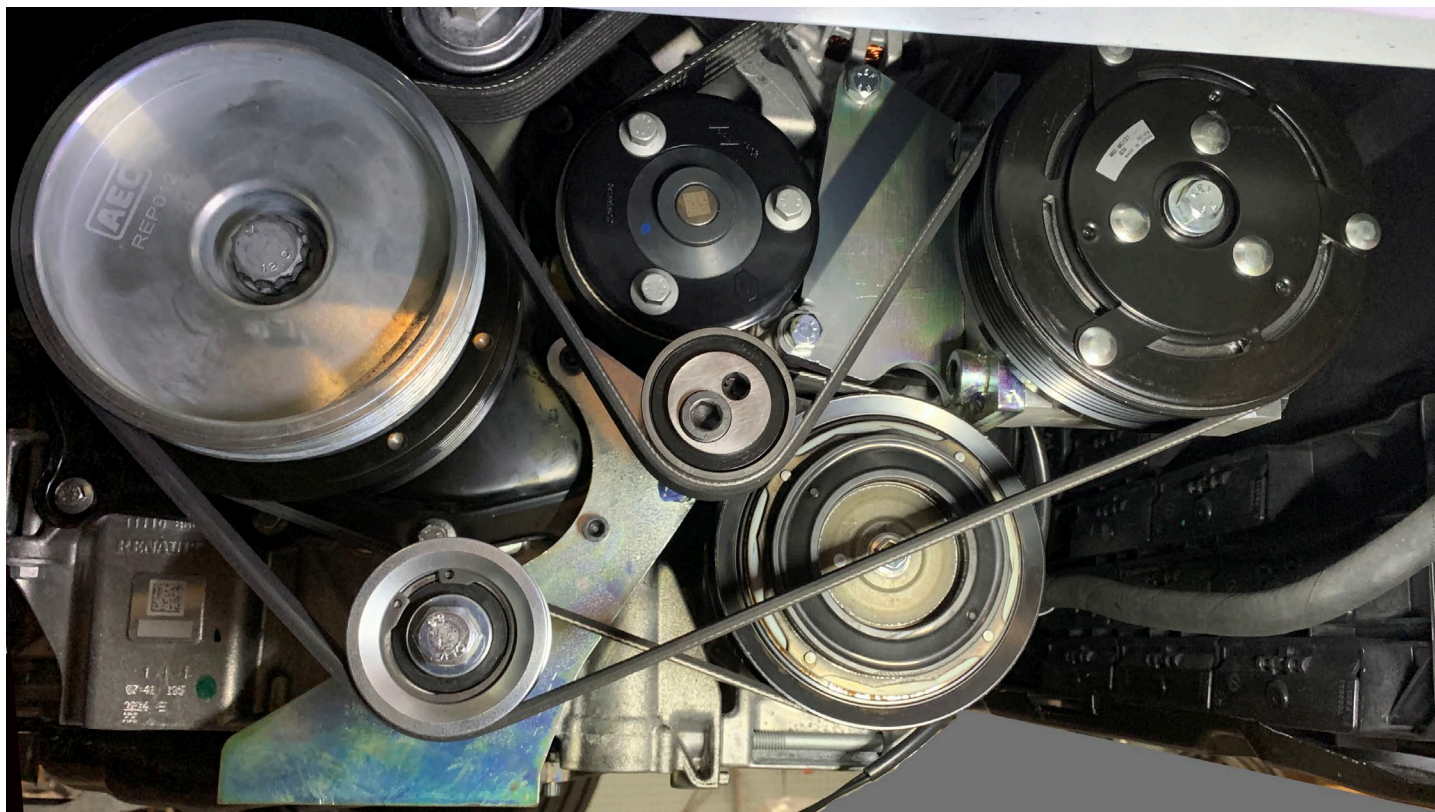


RE228

RENAULT Master

Dal 2024 – motore Blue dCi 2l - 2000 cc – 4 cilindri – trazione anteriore - con A/C
From 2024 – engine Blue dCi 2l - 2000 cc – 4 cylinders – front wheel drive - with A/C

Istruzioni di montaggio kit innesto elettromagnetico
Assembly instructions for electromagnetic clutch kit



<u>TABELLA GENERALE DI SERRAGGIO BULLONI (Nm)</u>							
<u>GENERAL TABLE OF TIGHTENING BOLTS (Nm)</u>							
Qualità Quality	M6	M7	M8	M10	M12	M14	M16
8,8	10,3	17,1	25,5	50	87	138	210
10,9	14,7	24,5	35,3	70	122	194	299
12,09	17,6	28,4	42,1	85	147	235	358

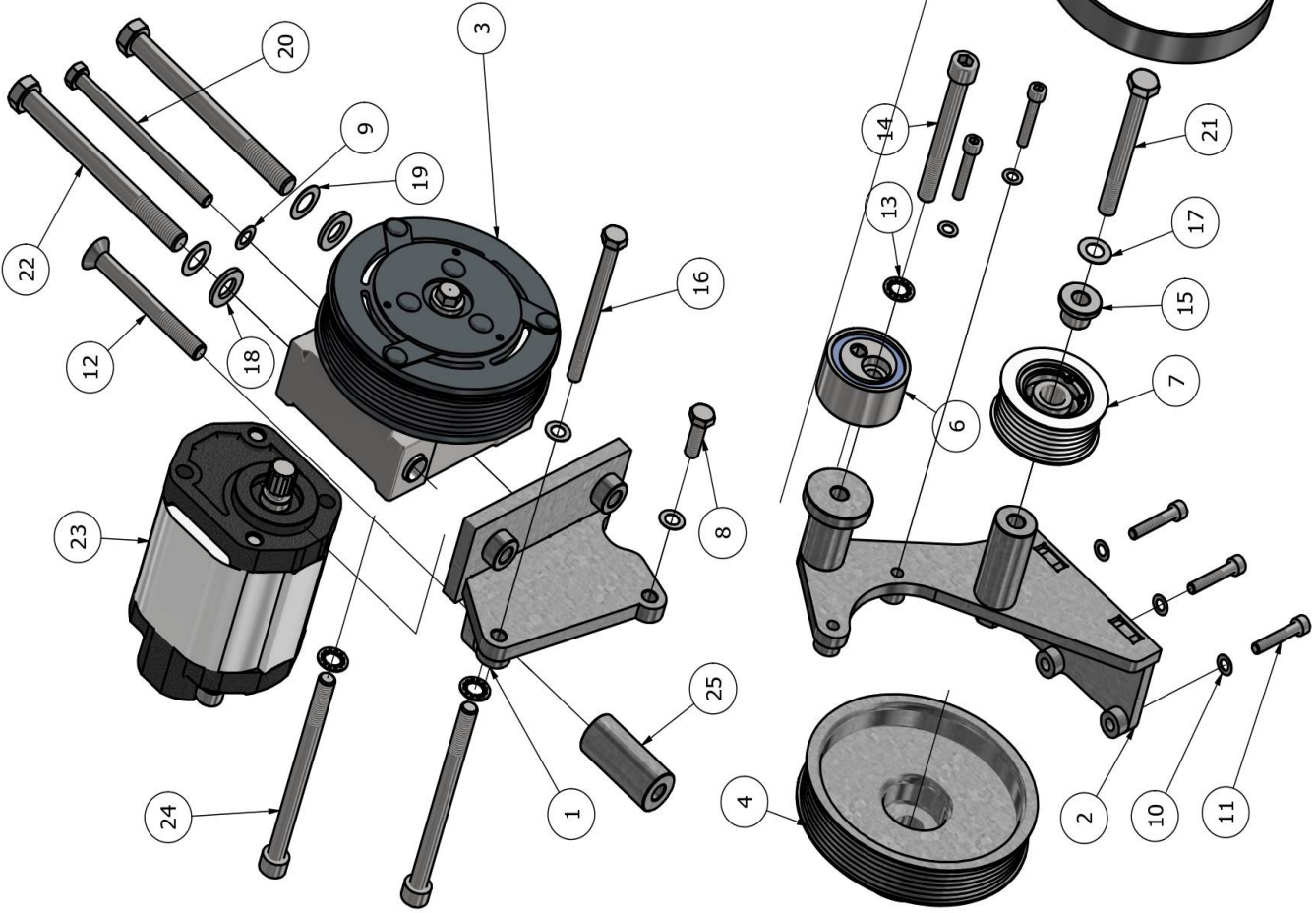
- **Sollevare il veicolo usando un adeguato ponte sollevatore**
- ***Raise the vehicle by using a suitable lift bridge***

ELENCO PARTI

ELEMENTO	QTÀ	NUMERO PARTE	DESCRIZIONE	Description
1	1	RE22831	Staffa	Bracket
2	1	RE22832	Staffa ausiliaria	Auxiliary bracket
3	1	001331-6	Innesto elettromagnetico	Electromagnetic clutch
4	1	REP014	Puleggia motore	Motor pulley
5	1	6PK1244	Cinghia	Belt
6	1	PG1014	Puleggia tendicinghia	Belt tensioner pulley
7	1	PG1012	Puleggia rinvio	Return pulley
8	1	TE 8 x 25	Viti a testa esagonale	Screw head hexagonal
9	3	§ 8	Rondelle elastiche	Spring washers
10	5	§ 6	Rondelle elastiche	Spring washers
11	5	TCEI 6 x 35	Vite con esagono incassato	Screws with hexagon socket
12	1	TSPCEI 10 x 85	Vite svasata	Countersunk screw
13	3	§ 10	Rondelle zigrinate	Knurled washer
14	1	TCEI 10 x 90	Vite con esagono incassato	Screw with hexagon socket
15	1	BG101704C	Boccola	Bushing
16	1	TE 8 x 100	Vite a testa esagonale	Screw head hexagonal
17	1	§ 10	Rondella elastica	Spring washer

ELENCO PARTI

ELEMENTO	QTÀ	NUMERO PARTE	DESCRIZIONE	Description
18	2	§ 12	Rondelle piane	Flat washers
19	2	§ 12	Rondelle elastiche	Spring washers
20	1	TE 8 x 110	Vite a testa esagonale	Screw head hexagonal
21	1	TE 10 x 90	Bullone a testa esagonale	Screw head hexagonal
22	2	TE 12 x 130	Viti a testa esagonale	Screws head hexagonal
23	1	Pompa	Pompa con raccordi posteriori	Pump with rear fitting
24	2	TCEI 10 x 130	Viti con esagono incassato	Screws with hexagon socket
25	1	102555	Distanziale	Spacer

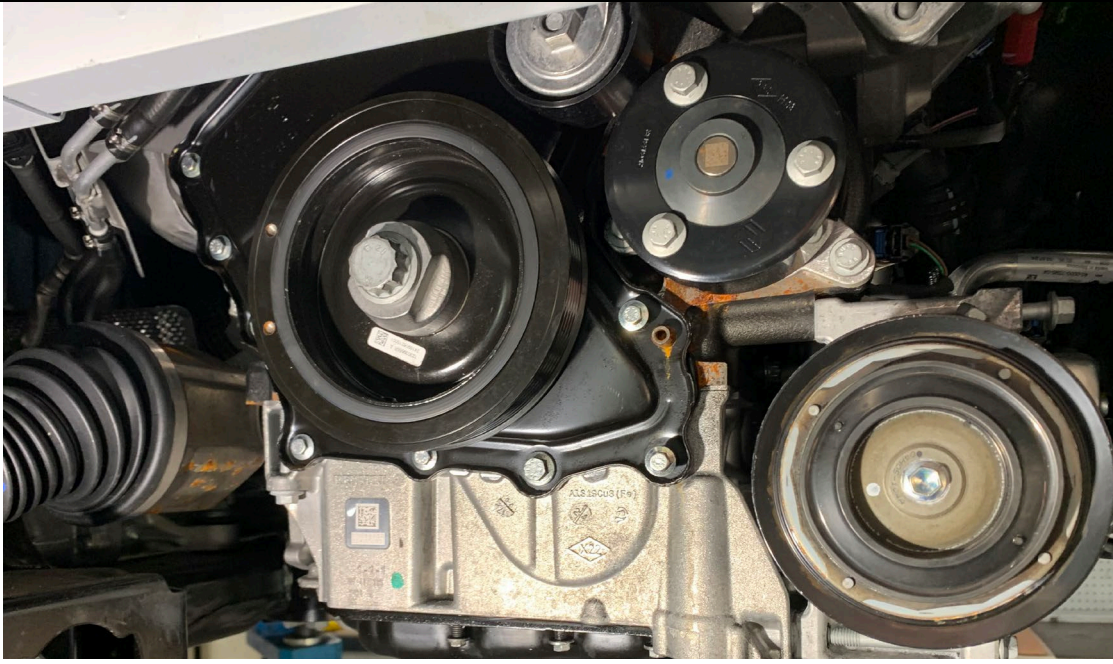


- **Non è necessario smontare il paraurti , la maschera frontale e i radiatori**

- Sterzare le ruote a destra
- Smontare la protezione passaruota destra

- ***It is not necessary to remove the bumper, the front mask and the radiators***

- *Turn the wheels to the right*
- *Remove the right wheel arch protection*

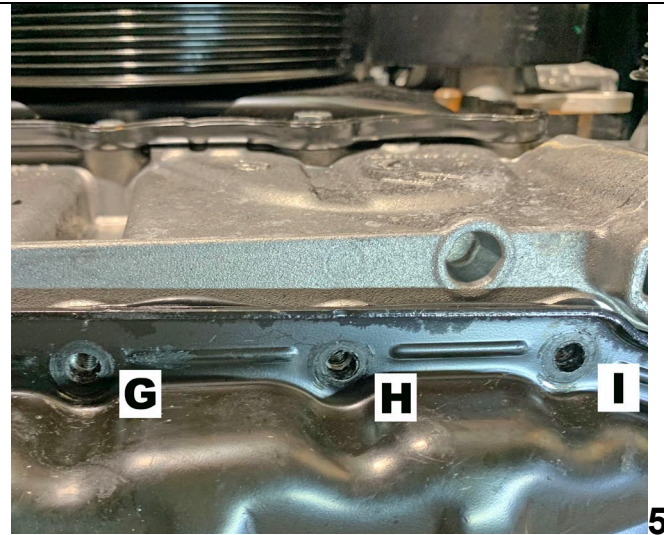
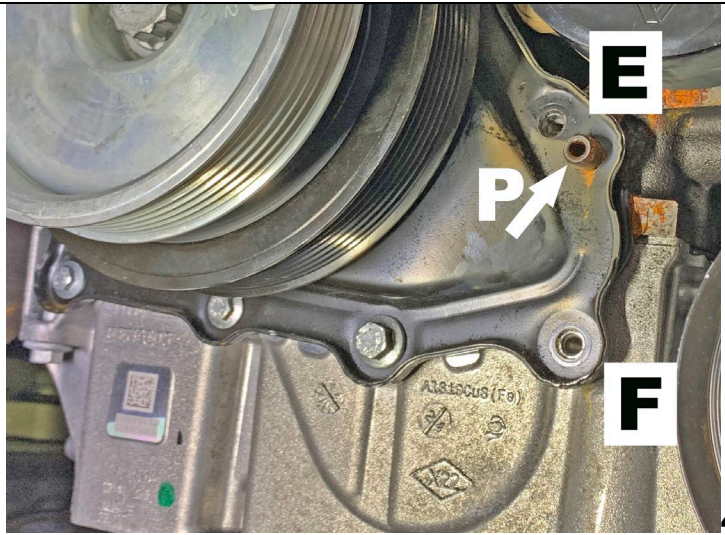


- Smontare la cinghia
- Smontare il bullone di fissaggio della puleggia
- Eliminare il distanziale H

- *Remove the belt*
- *Remove the pulley fixing bolt*
- *Eliminate the spacer H*



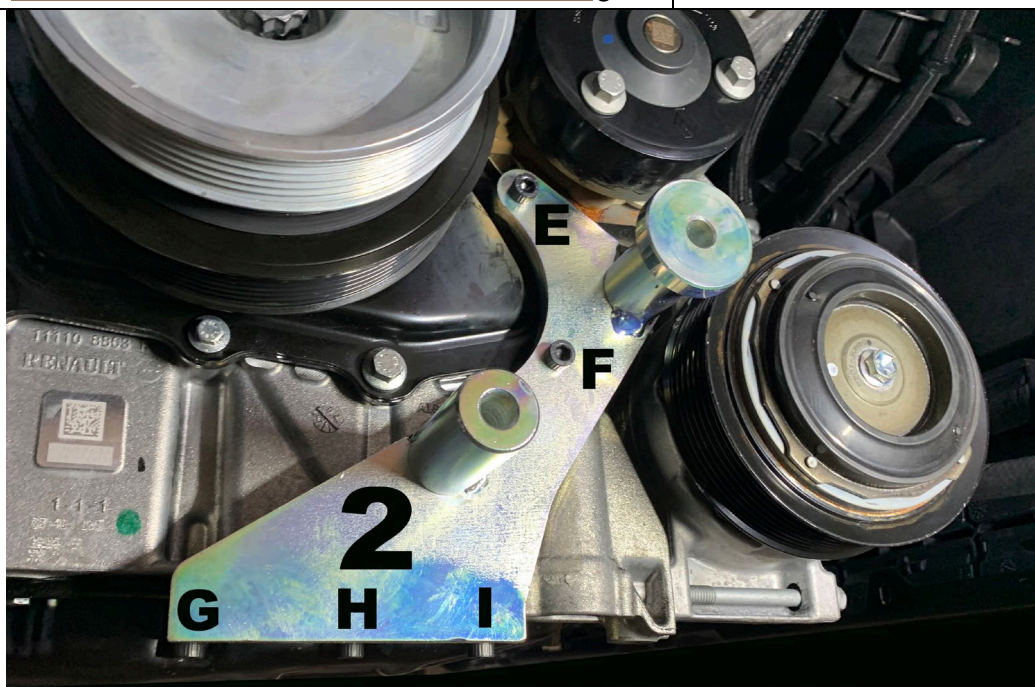
- Inserire la puleggia fornita e fissarla col bullone originale stringendo a **210 Nm**
- *Insert the supplied pulley and fixings with the original bolt , tightening to **210 Nm***



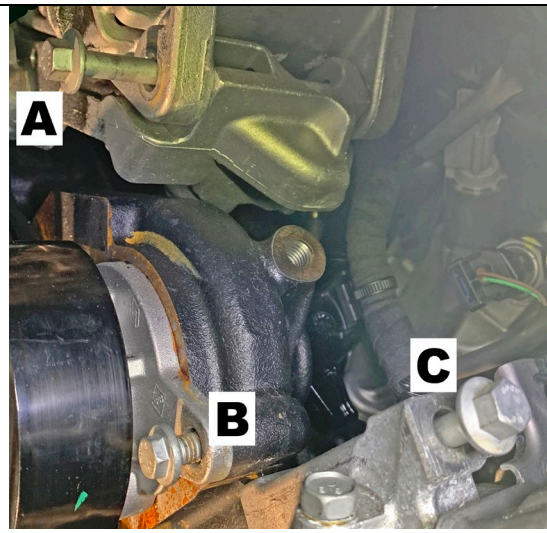
- Eliminare le viti delle posizioni **E F G H I**
- *Remove the screws from positions **E F G H I***



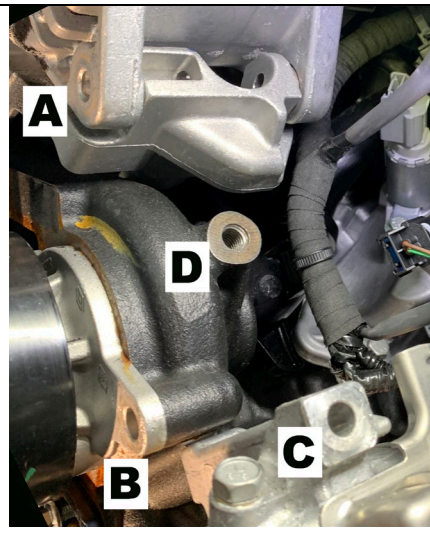
- **ATTENZIONE !** se il perno **P** sporge per più di 7 mm occorre abbassarlo per evitare rotture come in foto 6
- **ATTENTION!** If the **P** pin protrudes more than 7 mm, it must be lowered to avoid breakages as shown in photo 6



- Inserire la staffa **2**
- Inserire , senza stringere tutte le viti
- Stringere le viti nell'ordine **H-I-G-F-E**
- *Insert the bracket **2***
- *Insert , without tightening, all the screws*
- *Tighten the screws in the order **H-I-G-F-E***

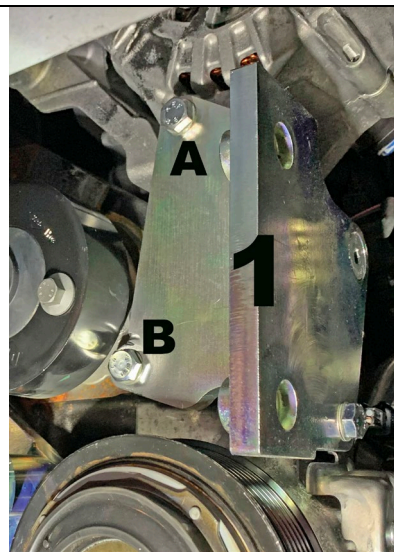


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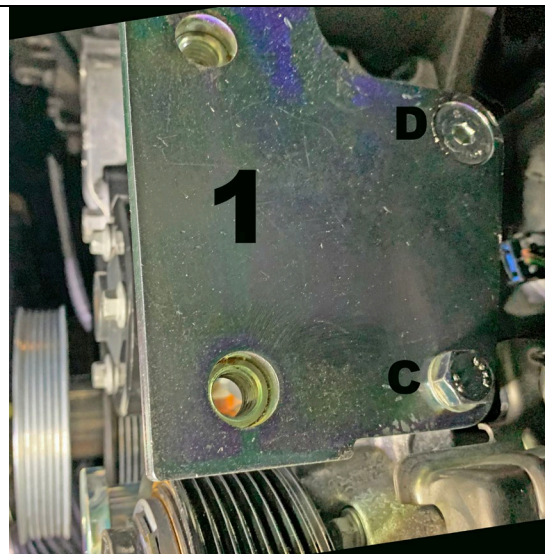


9

- Eliminare le viti **A B C**
- Vista dei fori filettati per il fissaggio della staffa **1**
- *Eliminate screws **A B C***
- *View of the threaded holes for fixing the bracket **1***

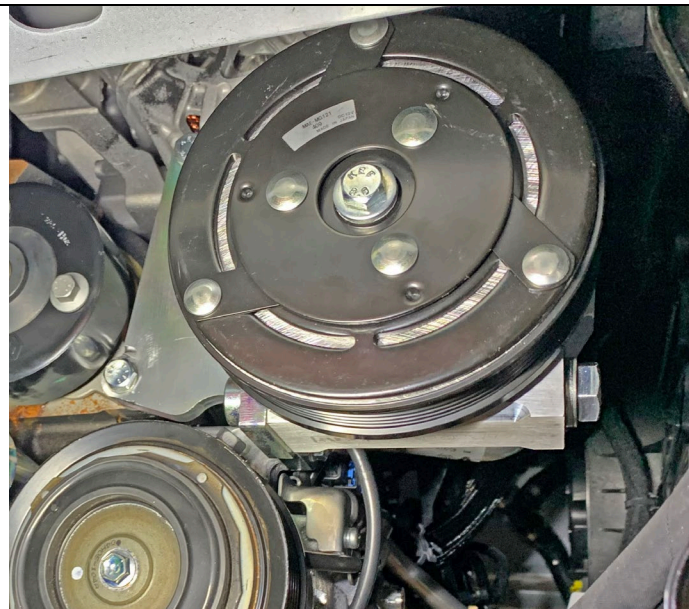


10



11

- Fissare la staffa **1** nei fori filettati **A B C D** inserendo in **D** il distanziale **10x25x55** fornito
- *Fix the **bracket 1** in the threaded holes **A B C D** by inserting the **10x25x55** supplied spacer in **D***



11



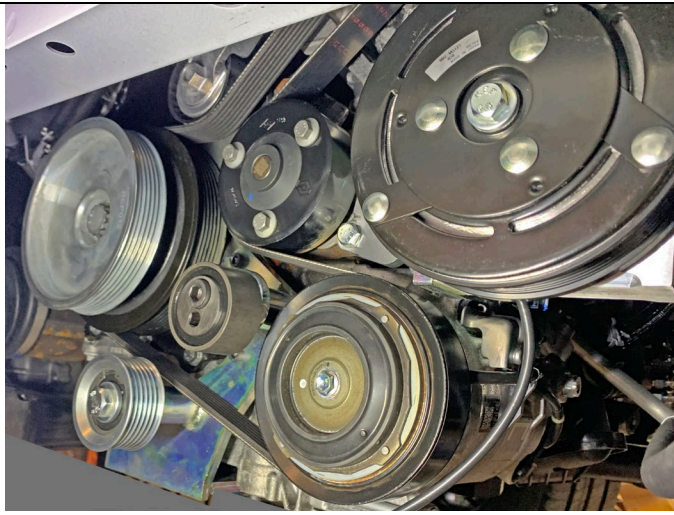
12

- Al banco assemblare la pompa all'innesto elettromagnetico
- Installare il gruppo innesto elettromagnetico-pompa
- *At the bench assemble the pump to the electromagnetic clutch*
- *Install the electromagnetic clutch-pump group*



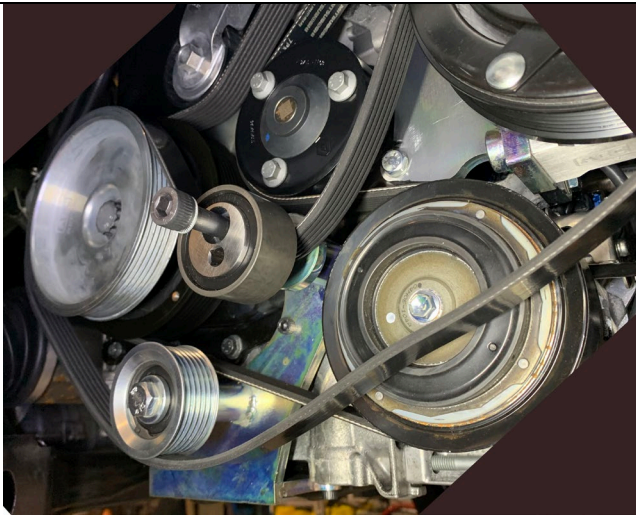
13

- Installare la puleggia tendicinghia
- *Install the belt tensioner pulley*



14

- Rimontare la cinghia originale dei servizi
- *Reinstall the original service belt*



15



16

- Inserire la cinghia fornita
- *Insert the supplied belt*



17

- Regolare la tensione della cinghia
- Adjust the belt tension

- **Controllare che non ci siano interferenze fra i tubi , la cinghia e le pulegge**
- ***Check that there is no interference between the tubes and the belt and pulleys***