



Maserati Technical Bulletin

Date: June 21st, 2016
Bulletin No. MAS000882_Auxiliary Drive
Belt Pulley Replacement
Campaign_299
Supersedes: NA
Section: Gearbox

MASERATI

MODEL: Maserati Quattroporte (M156) and Ghibli (M157) vehicles

MODEL YEAR: 2016

SUBJECT: Auxiliary Drive Belt Pulley Replacement

DESCRIPTION

Maserati Quattroporte (M156) and Ghibli (M157) vehicles equipped with V6 engines are involved in a Service Campaign to replace the 2 idler pulleys (2 in Fig.1) for the auxiliary drive belt to help eliminate belt noises during cold acceleration.

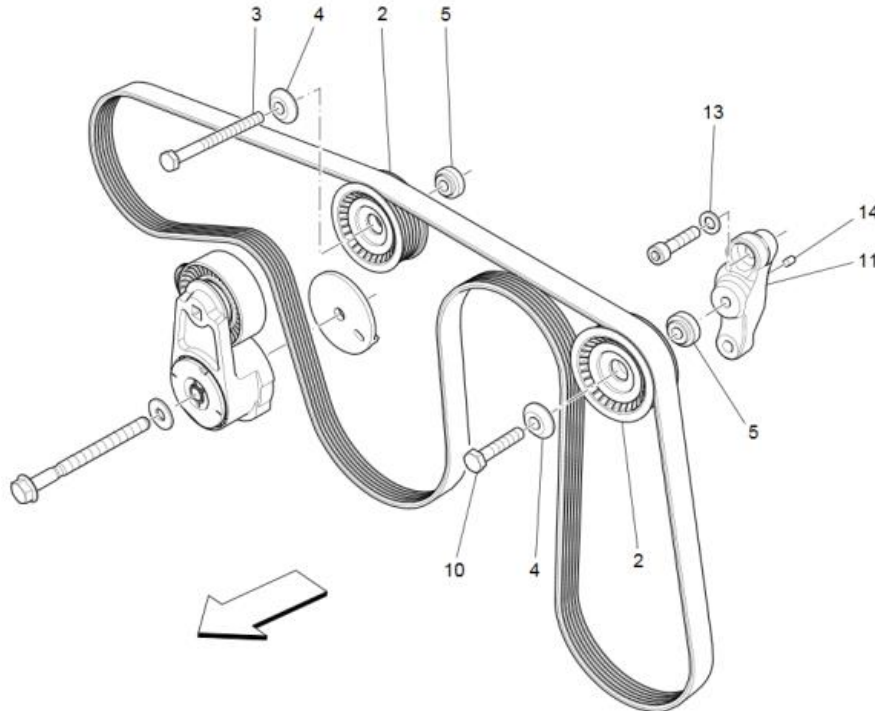


Fig.1

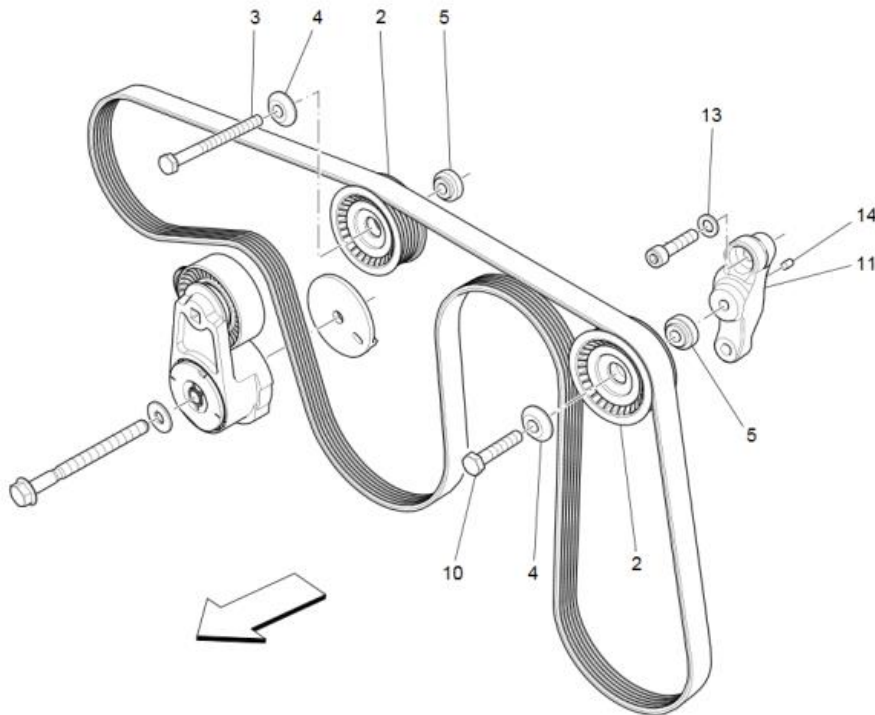
To view the vehicles involved in this Campaign, check in ModisCS and the attached vin list at the end of this bulletin (Attachment A)

PARTS NEEDED FOR THE REPAIR

The parts for this Campaign, 1 kit per vehicle P/N: 673005495 has to be ordered through the Maserati Parts Dept.

The parts kit 673005495 contains:

Position	PN	Description	Q.ty
2	278950	Belt tightening pulley	2
11	290824	Belt tightening pulley support	1
5	290823	Bushing	2
4	278939	Washer	2
10	16044024	Screw M8x40	1
13	11198074	Tapered rubber washer D.8.5-15x1.8	2
14	175611	Centering dowel	1
3	16045024	Screw M8x90	1



Procedures

1. Check if the vehicle is involved in this campaign and has not been previously performed.
2. Place the vehicle on a lift and disconnect the battery as shown in section 08.20.001 - 00 of the workshop manual.
3. Remove the panel under the front of the engine as shown below and in section 9.14.001 - 00 of the workshop manual.
 - Undo the 3 fastening screws between front plate and LH wheelhouse (Fig.2). Follow the same procedure on the RH side.

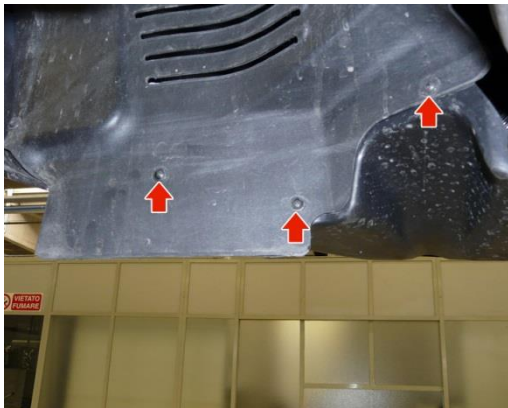


Fig.2

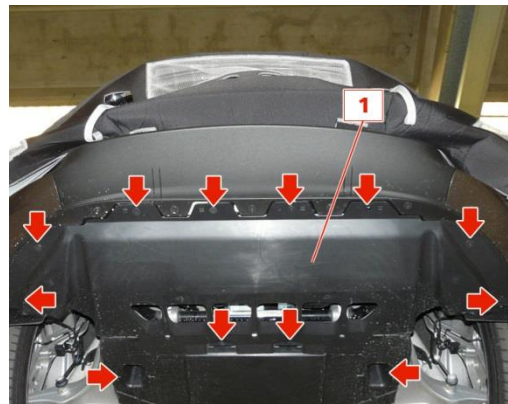


Fig.3

- Undo the 12 fastening screws and remove front underbody guard (Fig.3).
4. Remove the water sleeve bracket as shown below and in section 1.71.163 – 00 of the workshop manual.
 - Remove the engine cover (Fig.4)



Fig.4

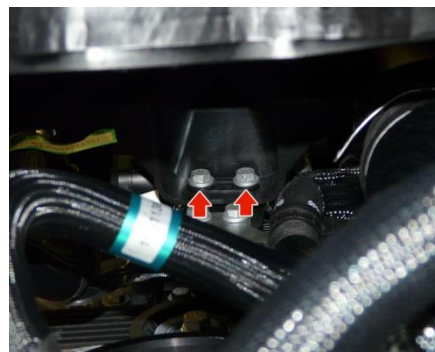


Fig.5

- Remove the 2 fastening screws under the air intake sleeve (Fig.5)

- Loosen the 2 pipe retaining clips on the air intake sleeve (Fig.5)

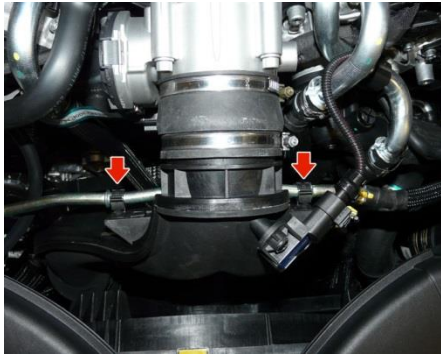


Fig.5



Fig.6

- Unhook the electrical connector, loosen the clamp and remove the air intake sleeve (Fig.6)
- Remove the 2 screws holding the water sleeve bracket (1, Fig.7)

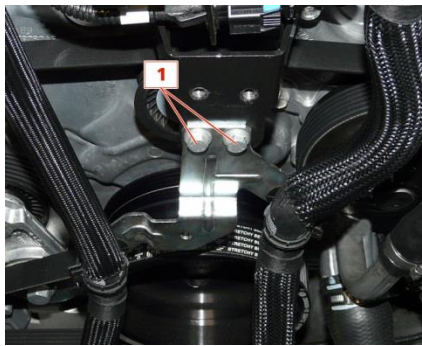


Fig.7

- Remove Auxiliary drive belt, pulleys and belt tensioner as shown below and in section 1.11.005 – 00 of the workshop manual.

- Using a 3/8 ratchet and extension, turn the belt tensioner clockwise to release the auxiliary belt (Fig.8)

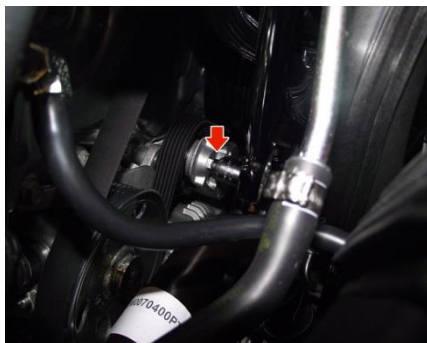


Fig.8

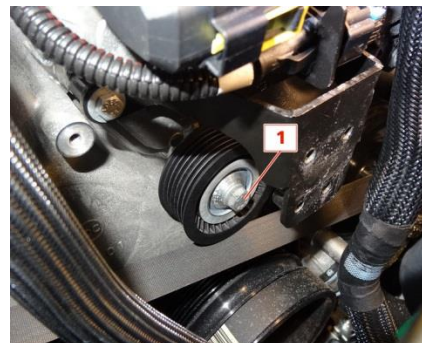


Fig.9

- Remove the fastening screws on the 2 idler pulleys (1, Fig.9)

- On the LS of the engine, remove the pulley support bracket (Fig.10)



Fig.10

6. Re-assemble all previously removed components with the new parts from the kit p/n: 673005495 as shown on page 2 of this bulletin.

NOTE: Before re-installing the auxiliary belt, make sure it is not frayed or damaged in any way or it will have to be replaced.

WARRANTY Information

Fill in the relative Warranty Claims as follows:

- | | |
|--|--------------------|
| • Campaign Number | 299 |
| • Warranty Code | 23 |
| • Defect Code | 063 |
| • Component Code | 1.11.005 |
| • Operation Code (Rubber plug replacement) | 1.11.005.9 (0.95h) |

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Attachment A

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159345	164722	165210	165256	165689	165866	165947	166170	166235	166893
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U.S.A

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U.S.A

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U.S.A

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U.S.A

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