

Technical Service Bulletin (TSB)
Oil Leakage From The Timing Cover

REFERENCE:	TSB: 09-013-25 GROUP: 09 - Engine	Date:	May 29, 2025	REVISION:	—
VEHICLES AFFECTED:	2020 - 2024 (GA) Alfa Romeo Giulia 2020 - 2024 (GU) Alfa Romeo Stelvio This bulletin applies to vehicles built on or before May 02, 2024 (MDH 0502XX) equipped with the 2.0L 280 HP I4DI Turbo Engine (Sales Code EC2).	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH			
CUSTOMER SYMPTOM:	Customers may experience the following: <ul style="list-style-type: none"> Oil leaking from the timing cover. 				
CAUSE:	Loose timing cover fasteners				

REPAIR SUMMARY:

Once the claimed fault is confirmed, check the severity of the leak and replace the timing cover sealant, if necessary, according to the Repair Procedure.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-10-10-98	Cover, Timing - Re Torque Bolts 3 - Highly-Skilled	1 - Engine Repair and Performance	1.1 Hrs.
09-10-10-99	Cover, Timing - Re Torque Bolts and Reseal Front Timing Cover (Stelvio) 3 - Highly-Skilled	1 - Engine Repair and Performance	5.2 Hrs.
09-10-10-9A	Cover, Timing - Re Torque Bolts and Reseal Front Timing Cover (Giulia) 3 - Highly-Skilled	1 - Engine Repair and Performance	5.7 Hrs.

SPARE PARTS:

Qty	Part No.	Description	Notes
1	NPN	Paint Pen	
1 (AR)	2142125000 - MOPAR 50048546 - EMEA	Seal	Crankshaft Oil
1 (AR)	06513080AA MOPAR 50056383 - EMEA	Bolt	Crankshaft Damper Pulley
1 (AR)	04892339BE - MOPAR 50057786 - EMEA	Filter	Oil
1 (AR)	04893751AA - MOPAR 50050780 - EMEA	Tube	Fuel Rail Supply
4 (AR)	05281278AA - MOPAR 50050799 - EMEA	Seal	Fuel Injector To Valve Cover
6 (AR)	06512266AA - MOPAR 50053296 - EMEA	Stud	Timing Cover
2 (AR)	68163849AB - MOPAR 53380087 - EMEA	Antizreeze	Coolant
1 (AR)	68217568AA - MOPAR 50050387 - EMEA	Gasket	Cylinder Head Cover
4 (AR)	68217569AA - MOPAR 50050388- EMEA	Gasket	Spark Plug Well
6 (AR)	68523988AA	Oil	Engine (0w30)
4 (AR)	68436674AA - MOPAR 155252240 - EMEA	Seal Kit	Fuel Injector

DIAGNOSIS:

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

CAUTION!

Make sure the leak does not come from the cylinder head, cylinder block, or the top of the crankcase. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 09 - Engine, 2.0L / Diagnosis and Testing.

NOTE: To proceed with further repairs, it is important to identify the source of the leak as accurately as possible. Document the intervention with photographs.

Locate the source of the oil leak. If the oil leak appears to be coming from the timing cover proceed to [Step 1](#) of the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
Installer, Oil Seal	9506	
Measuring container for Coolant Filling	Tool number not listed in Repair Manual	
Retaining button removal tool	1823015000	
Remover, Fuel Rail	2044500140	
Guide, Fuel Rail Installer	2044400140	
Holder, Front Damper MAIR	2024700090	

REPAIR PROCEDURE:

1. Remove the air cleaner assembly. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 09 - Engine, 2.0L / Air Intake System / Body, Air Cleaner / Removal.
2. Remove Serpentine belt. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 07 - Cooling / Accessory Drive / Belt, Serpentine / Removal.
3. Using a paint pen, mark every fastener corresponding to its current rotational position. Then turn the fasteners to loosen and return it to their original position for tightening torque. The current torque must be between 8.6 Nm (6.343 ft lb) and 11.0 Nm (8.113 ft lb).
4. If the residual torque is below the 8.6 Nm (6.343 Ft lb) limit, proceed as follows:
 - Using a digital torque wrench (recommended), loosen the fasteners, tighten to a torque of 5 Nm (3.687 Ft lb) and apply another 40°. The current torque must be between 11.0 Nm (8.113 Ft lb) and 16.0 Nm (11.801 Ft lb).

OR

- Using a digital torque wrench (recommended), apply a torque of 10.0 Nm (7.376 ft lb) using a mechanical torque wrench.

NOTE: Refer to the order shown in [Fig. 1](#) for tightening the fasteners.

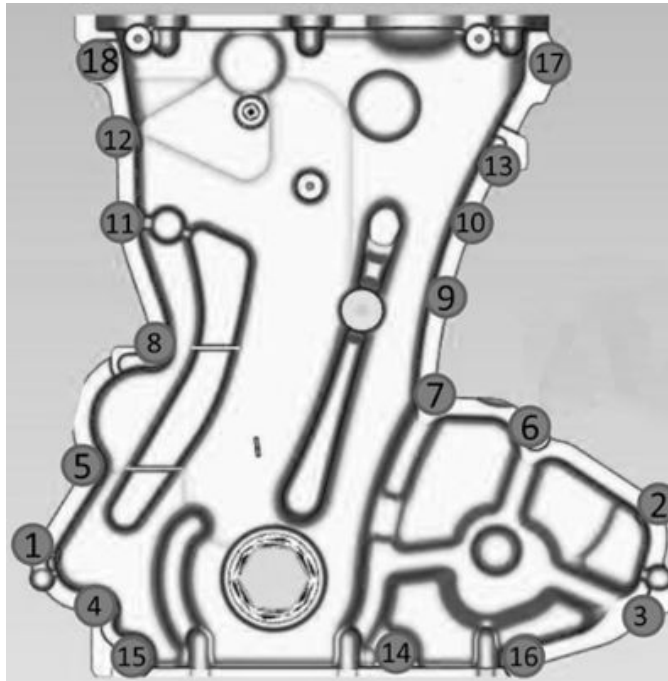


Fig. 1
Tightening Sequence

5. Clean the concerned area and top off the engine oil.
6. Install the serpentine belt. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 07 - Cooling / Accessory Drive / Belt, Serpentine / Installation.
7. Install the air cleaner assembly. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 09 - Engine, 2.0L / Air Intake System / Body, Air Cleaner / Installation.
8. Check whether the leak has been solved by idling the vehicle for at least 10 minutes (driving the vehicle for at least 10 km (6 mi.) is recommended).
9. Is there still oil leaking from the timing cover?
 - YES>>> Proceed to [Step 10](#).
 - NO>>> This bulletin is complete. Use LOP (09-10-10-98) Timing Cover Fasteners - Tighten.
10. Reseal the timing cover. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 09 - Engine, 2.0L / Valve Timing / Cover(s), Engine Timing / Removal and Installation.
11. Change the engine oil and filter. Refer to the detailed service procedures listed in DealerCONNECT> Service Library> Service Info under: 09 - Engine, 2.0L / Lubrication / Oil / Standard Procedure.

POLICY:

Reimbursable within the provisions of the warranty.

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