

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

<b>REFERENCE:</b>	<b>TSB:</b> 09-013-25 REV. B <b>GROUP:</b> 09 - Engine	<b>Date:</b>	June 5, 2025	<b>REVISION:</b>	09-013-25 REV. A
<b>VEHICLES AFFECTED:</b>	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).	<b>MARKET APPLICABILITY:</b>			
<b>CUSTOMER SYMPTOM:</b>	Customers may experience the following: <ul style="list-style-type: none"> <li>Oil leaking from the timing cover.</li> </ul>				
<b>CAUSE:</b>	Loose timing cover fasteners				

This bulletin supersedes Technical Service Bulletin (TSB) 09-013-25 REV. A, date of issue May 30, 2025, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include an updated Spare Parts table and Diagnosis section Note.

**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 <b>(Stelvio)</b> 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 <b>(Giulia)</b> 3 - Highly-Skilled	1 - Engine Repair and Performance	5.7 Hrs.
Failure Code	ZZ	Service Action	

**SPARE PARTS:**

Qty	Part No.	Description	Notes
** (AR)	68082860AB	Threebond RTV	
1 (AR)	68351878AA - MOPAR	Seal Kit	Four Fuel Injector To Valve Cover Seals and Four Fuel Injector Seals**
1 (AR)	**2142125000 - MOPAR**	Seal	Crankshaft Oil
1 (AR)	**06513080AA MOPAR**	Bolt	Crankshaft Damper Pulley
1 (AR)	**04892339BE - MOPAR**	Filter	Oil
1 (AR)	**04893751AA - MOPAR**	Tube	Fuel Rail Supply
6 (AR)	**06512266AA - MOPAR**	Stud	Timing Cover
2 (AR)	**68163849AB - MOPAR**	Antifreeze	
1 (AR)	**68217568AA - MOPAR**	Gasket	Cylinder Head Cover
4 (AR)	**68217569AA - MOPAR**	Gasket	Spark Plug Well
6 (AR)	68523988AA	Oil	0W30 - Quart

**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.\*\***

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 Service Manual	
Retaining button removal tool	1823015000	
Remover, Fuel Rail	2044500140	

Description	Ref. No.	Notes
Guide, Fuel Rail Installer	2044400140	
Holder, Front Damper MAIR	2024700090	

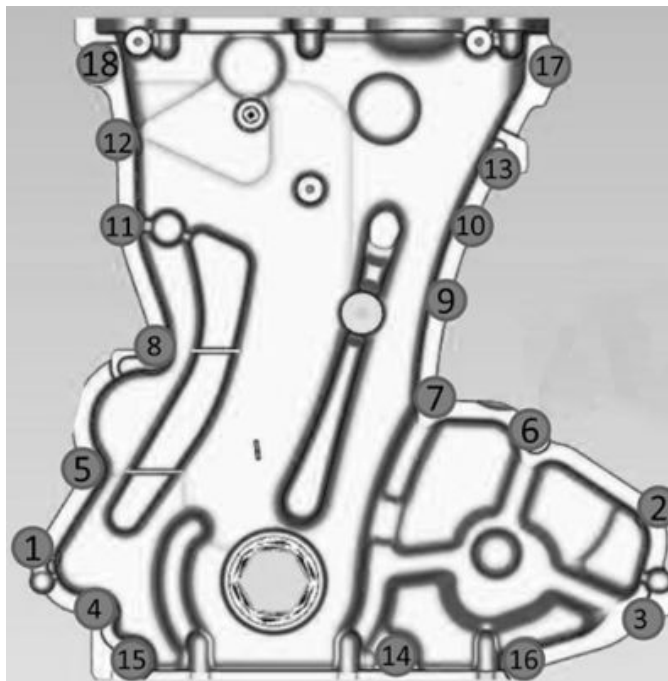
## REPAIR PROCEDURE:

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 or equivalent, 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 N·m (6.343 ft lb) and 11.0 N·m (8.113 ft. lb).
4. If the residual torque is below the 8.6 N·m (6.343 ft. lb) limit, proceed as follows:
  - Using a digital torque wrench (recommended), loosen the fasteners, tighten to 5 N·m (3.687 ft. lb) and apply another 40°. The correct torque must be between 11.0 N·m (8.113 ft. lb) and 16.0 N·m (11.801 ft. lb).

### OR

- Using a digital torque wrench (recommended) and apply a torque of 10.0 N·m (7.376 ft. lb).

**NOTE:** Refer to the sequence 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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