



NUMBER: 18-051-20

GROUP: 18 - Vehicle Performance

DATE: June 19, 2020

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SUBJECT:

P00C0-00 Turbocharger-Supercharger Bypass Valve 2 Control Circuit

OVERVIEW:

This bulletin involves inspecting and if necessary replacing the connector for the left turbocharger bypass valve and installing a protective cover.

MODELS:

2017-2019 (GA) Alfa Romeo Giulia

NOTE: This bulletin applies to vehicles within the following markets/countries: North America..

NOTE: This bulletin applies to vehicles equipped with a 2.9L 505HP V6 Bi-Turbo Engine (Sales Code EED).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation, the technician may find the following Diagnostic Trouble Code (DTC) has been set:

- P00C0-00 Turbocharger-Supercharger Bypass Valve 2 Control Circuit

DIAGNOSIS:

Using a Scan Tool (wiTECH 2) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If any DTCs or symptom conditions, other than the one listed above is present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

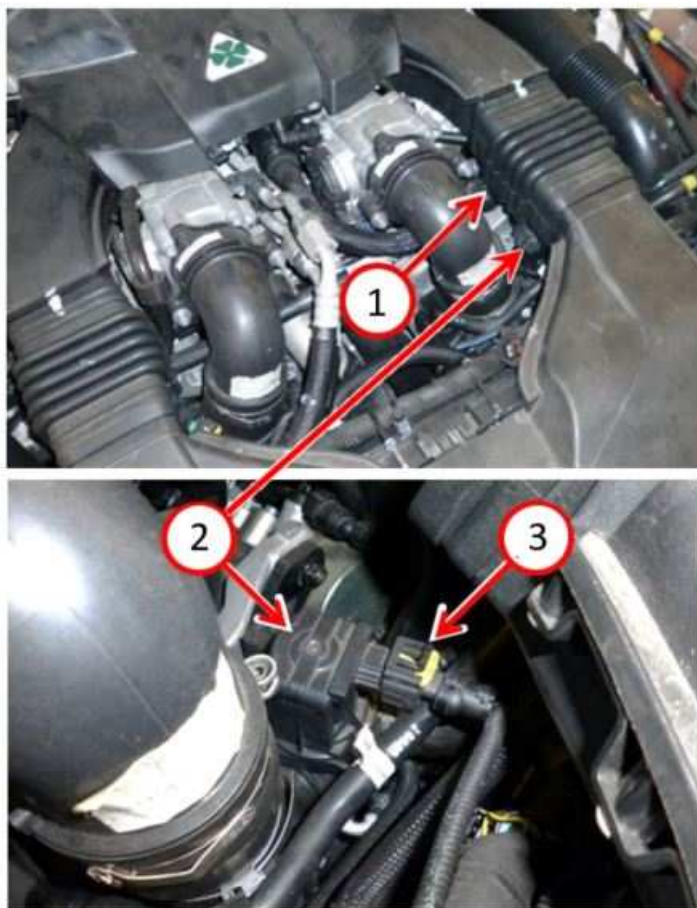
If the customer describes the symptom/condition listed or if the technician finds the DTC, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	68369901AA	Repair Kit, Connector
1 (AR)	68519378AA	Protective Cover, Connector

REPAIR PROCEDURE:

1. Remove the left fresh air intake duct and inspect for any damage to the By-pass valve connector (Fig. 1) .
2. Was the connector damaged?
 - YES >>> Replace the connector. Proceed to [Step 3](#)
 - NO >>> This bulletin does not pertain. Normal diagnostic need to be performed.

**Fig. 1****By-pass Valve and Connector Location**

- 1 - Fresh Air Duct
- 2 - By-pass Solenoid/Valve
- 3 - By-pass valve connector

3. Disconnect the By-pass valve connector.
4. Remove the wires from the plastic sleeve, cut the wires and remove the old damaged connector.
5. Splice the new connector (68369901AA) wires onto the main harness. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 29 - Non-DTC Diagnostics / Circuit Testing Procedures / Standard Procedure
6. Put the new connector wires back into the protective sleeve and connect the new connector to the By-pass valve.

7. Install the protective cover (68519378AA) on the By-pass valve (Fig. 2) .

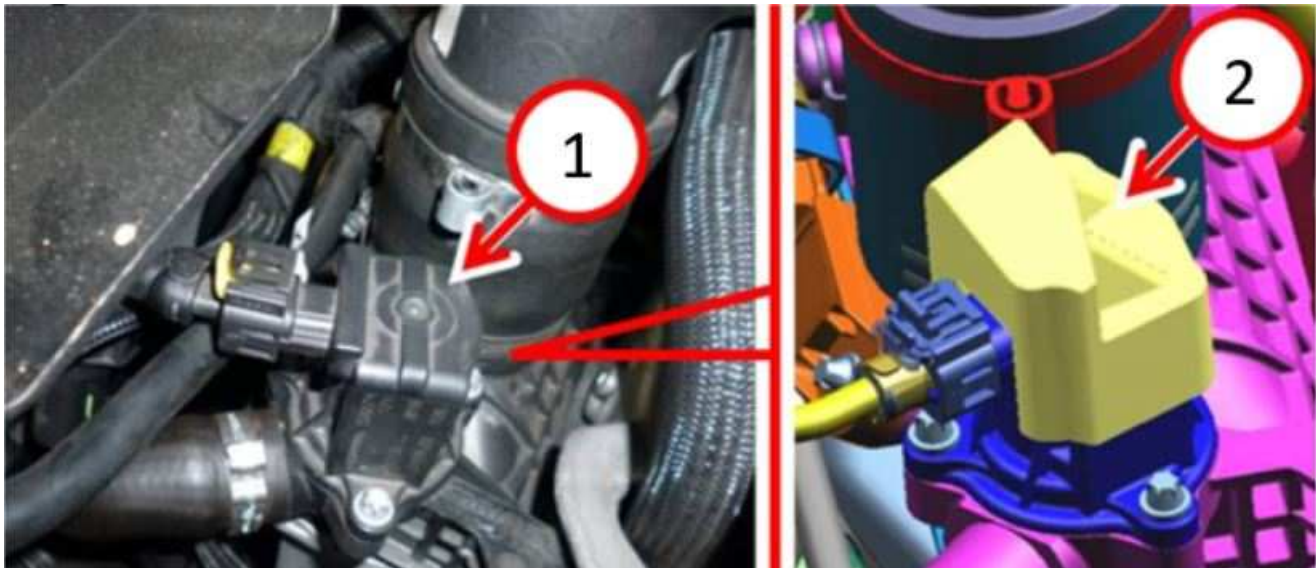


Fig. 2
Protective Cover Location

- 1 - By-pass Solenoid/Valve
2 - Protective Cover (68519378AA)

8. Using the scan tool (wiTECH 2) clear all DTCs that may have been set while performing this procedure.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-94-TF-92	Connector, Left Turbocharger Air Bypass Solenoid Valve Electrical - Replace (2 - Skilled)	1 - Engine Repair and Performance	0.3 Hrs

FAILURE CODE:

ZZ	Service Action
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