



# Replace Coolant Pumps

|                       |                 |                      |                         |                       |               |
|-----------------------|-----------------|----------------------|-------------------------|-----------------------|---------------|
| <b>Classification</b> | Repair Bulletin | <b>Section/Group</b> | 18 - Thermal Management | <b>Country/Region</b> | United States |
| <b>Year</b>           | 2017            | <b>Model</b>         | Model 3                 | <b>Version</b>        | All           |

**Bulletin Classification:** This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.

## Condition

Some Model 3 vehicles might have coolant pumps that are noisy or make a rattling sound during operation.

## Correction

Install improved coolant pumps.

| Correction Description                         | Correction | Time |
|------------------------------------------------|------------|------|
| SB-17-18-007 Not Applicable                    | S011718007 | 0.00 |
| Inspect Coolant Pumps, Replacement Unnecessary | S021718007 | 0.05 |
| Inspect And Replace Both Coolant Pumps         | S031718007 | 0.95 |

| Required Part(s): | Part Number  | Description                   | Quantity |
|-------------------|--------------|-------------------------------|----------|
|                   | 1133851-00-B | SERVICE-KIT, COOLANT PUMP, M3 | 2        |

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

## Procedure

1. Attach a laptop with Toolbox 3 to the vehicle.
2. Navigate to **ECU Common Tasks > Coolant Air Purge** and click the Play button.

3. Listen to the coolant pumps.
  - If the coolant pumps are relatively quiet and make no rattling sound, discontinue this procedure.
  - If the coolant pumps are noisy or make a rattling sound, perform the rest of this procedure.
4. Replace the HV battery coolant pump (refer to Service Manual procedure 18308502).
5. Replace the powertrain coolant pump (refer to Service Manual procedure 18308102).

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**Affected VIN(s)** Affected Model 3 vehicles built before approximately October 6, 2017.

**NOTE:** This is a simplified summary of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

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