SERVICE BULLETIN

L1020 2025-08-08

L1020: S2 COOLING SYSTEM FILL AND BLEED TIPS

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Rev	Revision (Rev) Description
2025-08-08	-	Initial release

Purpose for Service Bulletin

This bulletin provides dealers with best practices for filling and bleeding the cooling system on S2 models after component replacement.

- This can help prevent customer vehicle returns due to unpurged air in the cooling system.
- The most common symptom of this is the turtle icon illuminating on the instrument module after only a few minutes of riding.

Supplemental Procedure Video

⚠ WARNING

Always review the appropriate service procedure prior to performing it. This video is intended to supplement, not replace, documented service procedures. Attempting service procedures without the proper training, tools, equipment, and manuals could result in death or injury to you or others. This could also damage the motorcycle or cause the motorcycle to operate improperly. (10406a)

This video is a supplement of the procedure covered in the document. This video can only be viewed through Service Information Portal (SIP).

LiveWire S2 Coolant Refill Procedure Video

Required Dealer Action

Table 2. Required Dealer Action

Category	Description	Required
1	Must Perform Repair	☐
2	Repair If Presenting Symptom	☐
3	Feature Pack- Customer/Dealer Paid	☐
4	Informational Purposes Only	☑

The following tips, in addition to the steps in the service manual, will help assure a thorough and proper bleed of the cooling system.

- Always fill at the radiator fill neck, not the overflow bottle.
- Use of a fill funnel with extensions can help increase head pressure when filling and prevent trapped air.
- Squeeze the hoses at the bottom of the motorcycle while filling to help purge air.
- Running the coolant pump once the radiator is full will help circulate coolant and purge air.
- The coolant pump can be engaged by using DTII Active Diagnostics to enable the pump, connecting EVSE, or safely placing in propulsion.
- After squeezing hoses and running the coolant pump, open the motor bleed port carefully (located at the top of the motor on the left side), and see if any coolant trickles out.
- If no coolant escapes reinstall the bleed port plug, top off coolant, run the pump, and open the bleed port again.
- Repeat until coolant escapes from the bleed port.
- Do not open the motor bleed port when the coolant pump is running. This can cause excessive coolant to rush out from the bleed port.
- Verify good coolant circulation by watching coolant in the radiator. With pump running it should be nearly silent and coolant should be seen actively moving through the radiator.
- Recheck radiator coolant level after a test ride or extended charge. Top off to bottom of filler neck if needed.

Vehicles Affected

2024: S2 Del Mar (S2DM), S2 Mulholland (S2MH)

2025: S2 Del Mar (S2DM), S2 Mulholland (S2MH), S2 Alpinista (S2AP)

Markets Affected

All markets affected.

NOTE

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	WARRANTY PROCESS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITIAL HERE									