

SB, Overheating issue upgrade kit, CRT 60, 2022-12

SYMPTOM/DESCRIPTION

CRT 60 has been reported to overheat in numerous cases. Investigations found several possible reasons for such failure and upgrade kit 546006801 has been introduced.

AFFECTED UNITS

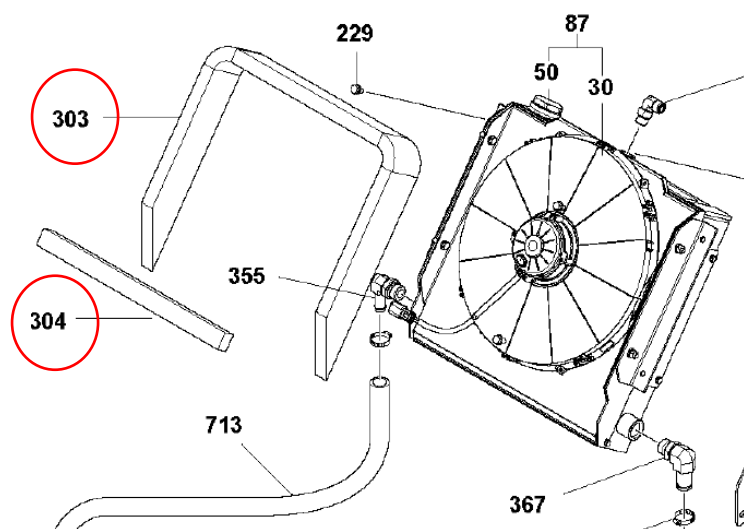
All units up to serial number 1397998001.

AFFECTED MARKETS

North America, Australia and New Zealand.

CORRECTIVE ACTION

- Order upgrade kit 546006801.
- Check if the hydraulic oil cooler fan blows air towards the cooler. Follow *Appendix A* to change the direction of rotation if needed.
- Check for correct routing of the hydraulic fan wire harness. Follow *Appendix B* to change the routing of the wire harness if needed.
- Check for presence of insulations surrounding the hydraulic oil cooler fan, #303 and #304. If a piece of insulation is missing, take it from upgrade kit 546006801.

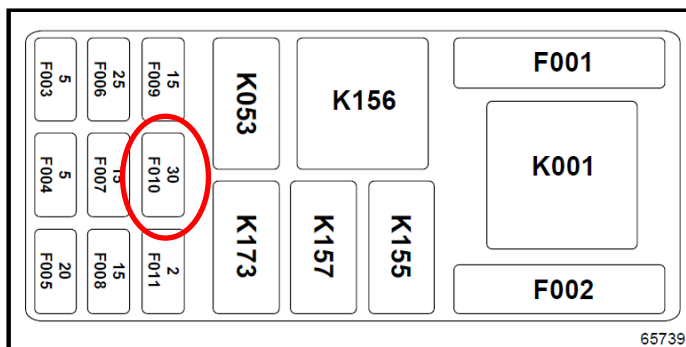


- Reposition the water tank using the parts from upgrade kit 546006801. Follow *Appendix C*.

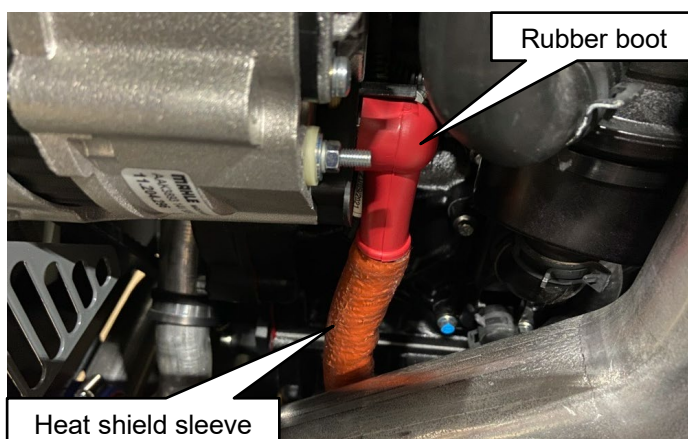
- Change the engine coolant overflow bottle cap seal 599064501. Use the one from the upgrade kit 546006801. Secure the inner hose with a zip-tie.



- Change the hydraulic oil cooler fan fuse. Use 535612501 from the upgrade kit 546006801.



- Add approx. 10" of 599075901 heat shield sleeve from upgrade kit 546006801 to the positive alternator cable running behind charge air cooler pipe. Place the rubber boot 542177002 on the alternator terminal.



PARTS INFORMATION

Order upgrade kit 546006801.

WARRANTY INFORMATION

The affected range of machines should be upgraded with upgrade kit 546006801 and claimed in Web Warranty.

Claims will be accepted:

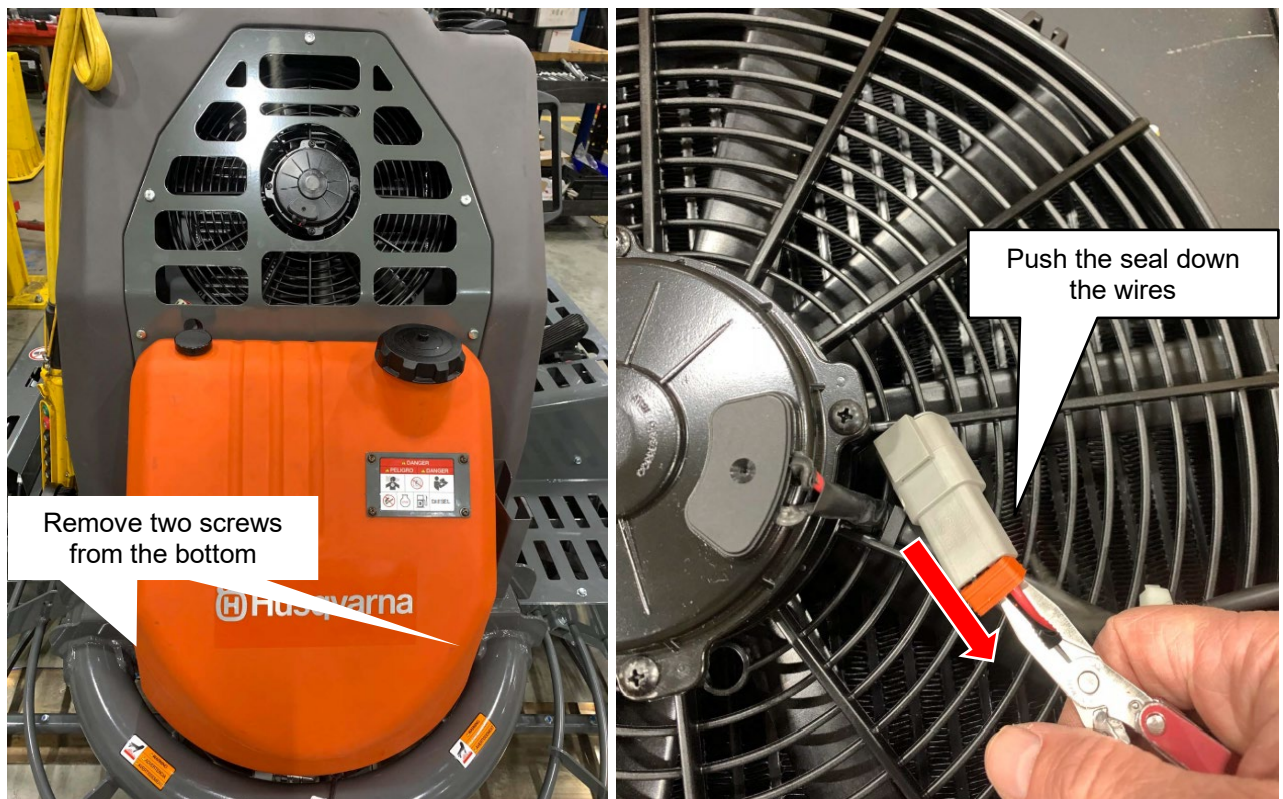
- only for affected range machines, up to SN 1397998001
- with 2 hours of labor and an upgrade kit cost only
- repair date before 15-Mar-2023

Revision History

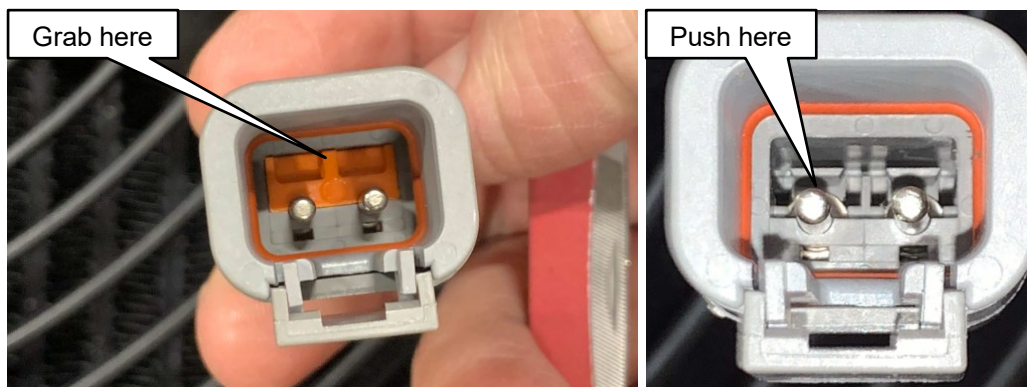
Rev.	Date	Order id.	Description
A	2022-12	00025761	Created

Appendix A

1. Remove the fuel tank by removing the two screws from the underside. Remove the fan guard.

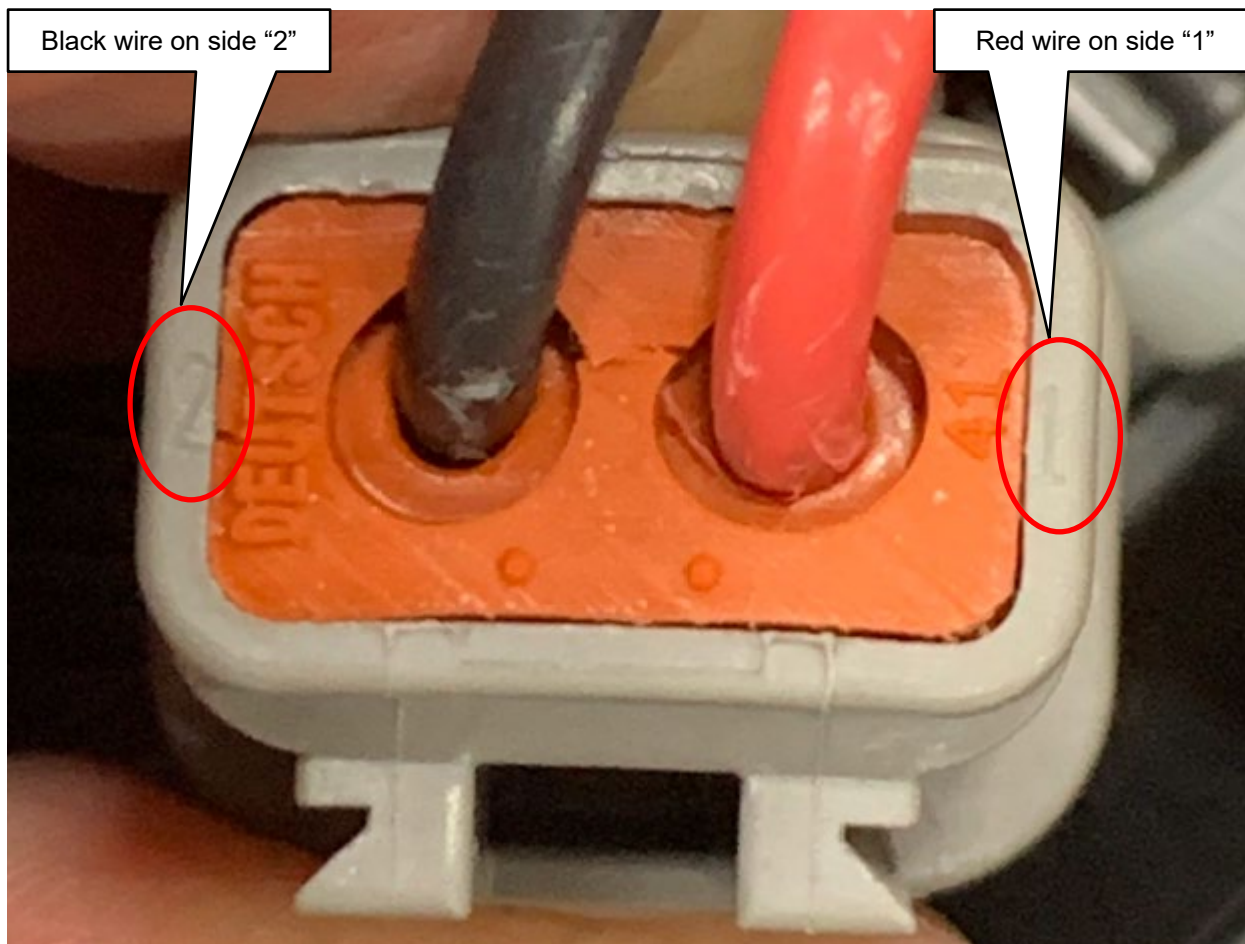


2. Remove the back seal of the connector and push it down the wires.
3. Grab the center bar of the orange wedge with needle nose pliers and remove it.



4. Push the pin lock and pull the pin out of the socket.

5. Reinstall the wedge after placing the pins in correct holes and push back the seal.



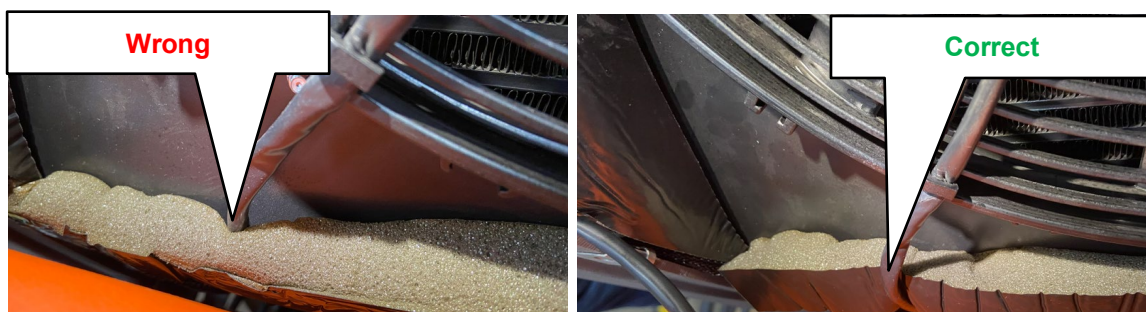
6. Red wire should be on side "1" of the connector, black one should be on side "2".
7. Reconnect the fan. The red and black wires should align with the same color wires on the main harness.
8. Reinstall the fan guard and the fuel tank.

Appendix B

1. Remove the fuel tank by removing the two screws from the underside. Remove the fan guard.



2. Check for the correct routing of the hydraulic fan wire harness. It should be between the insulation and the cooler cage. If not remove the insulation and place a new piece of 599083101 from the upgrade kit 546006801.



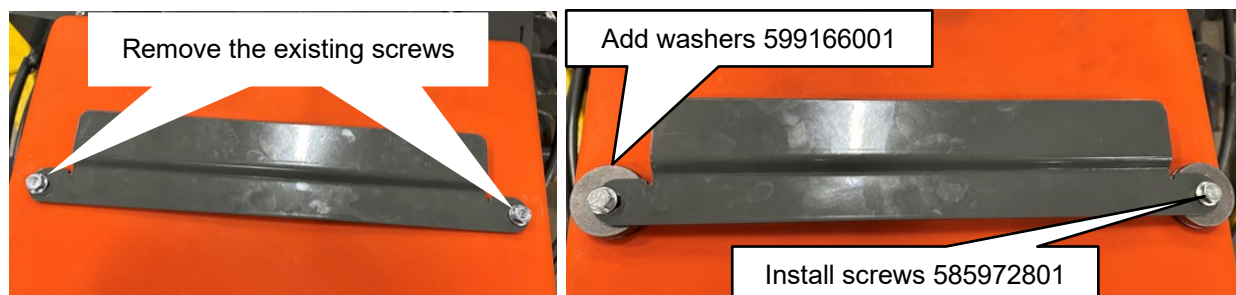
3. Reinstall the fan guard and the fuel tank.

Appendix C

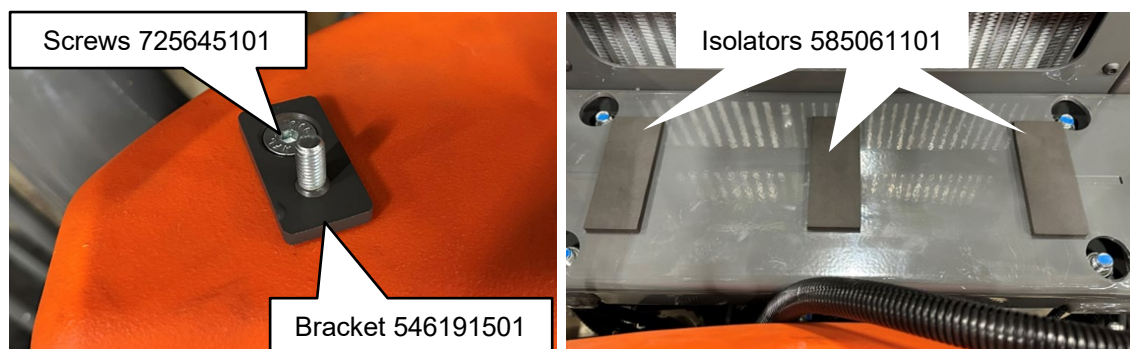
1. Remove the two screws from the underside of the water tank using a 13 mm socket with extension and lift the tank off the frame.



2. Remove and discard the two M8 screws securing the bracket to the tank using a 13mm tool.
3. Install four washers 599166001 from kit 546006801 between the water tank and the bracket and secure with two screws M8x30 585972801 using a 13mm tool.



4. Attach the two brackets 546191501 to the bottom of the water tank with two screws 725645101. Leave them snug but still able to move.



5. Install three 585061101 isolators onto the frame 127mm/5" apart starting from center.
6. Reroute the LED light wire harness to run under the frame.



7. With the bottom brackets snug installed, set the tank in place and align the bottom brackets to the frame bracket. Once the correct position is identified, tighten the bottom brackets to the water tank using 5mm Allen key.
8. Hook the tank onto the frame and secure it to the frame bracket with two nuts 732251801 using a 13mm socket with extension.



9. All the new parts are to be taken from the upgrade kit 546006801.