

TECH TIP

Group:	O-GENERAL
Bulletin No:	TT-16-001
Issue Date:	1-19-2016
Reference:	HMM-160119-B1

CONVENTIONAL BCU RESET

SUBJECT VEHICLES: 11MY-14MY Conventional Trucks (238, 258, 268 or 338)

Note: This tech tip is provided as technical information and is not authorization for a warrantable repair.

OVERVIEW:

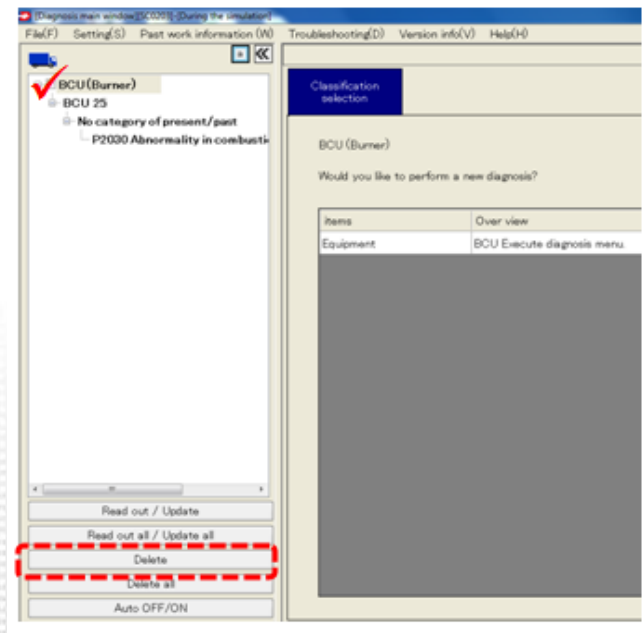
During service of the exhaust aftertreatment system, the technician may find the “BURNER STATUS” shown in DXII remains at: “ - ”, “#0: request (AccumSoot)”, or “#3: Initial Check (PrepaRegen)” even after the DPR manual regen button is pushed. Do not replace the BCU for this condition, even if no codes are present. Refer to the following procedure.

DESCRIPTION OF REPAIR PROCEDURE

If “BURNER STATE” freezes at: “ - ” or “#0: request (AccumSoot)”

The BCU enters a “waiting mode” if any of the following is recorded during the last ignition cycle: “failed ignition”, “lost flame”, “unable to achieve target temp” or “burner outlet over temp”. This is done to dry diesel fouled igniters. Duration of waiting mode varies according to when the failure occurred. The BCU will wait for 10 minutes after failure during DPR Regen, or 30 minutes after failure during SCR warm-up. Waiting mode can be forcibly reset using DXII.

1. Turn the ignition switch ON.
2. Connect DXII to the BCU.
3. Delete DTCs from the BCU.
4. Close DXII properly by clicking New Diagnosis.
5. Turn the ignition switch OFF.



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If BURNER STATE freezes at “#3: Initial Check (PrepaRegen)”

There are two reasons for the BCU to maintain status #3. 1.) Boost pressure (intake manifold pressure) is not 0.5psi or higher than barometric pressure. 2.) BCU is receiving an exhaust brake active signal. Check BOOST PRESSURE (intake manifold pressure) value in DXII(Engine).



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