



NA_MACK_Vehicle_Range

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LR , MRU , Anthem , CHU , CXU , GU , TD

Engine family

Engine family

MP7 , MP8

Emission Standard

Emission Standard

2018 , OBD2017 , US17 GHG

** SOLUTION **

Title (customer effect)

Mack Chassis - Engine Speed Does Not Ramp Up From Body Builder Module Request; Requests Sent Via Data Link / Body Link Connector, Not By Switch Or Hardwired Circuit - **Generation 2 (INT-GEN2) And Newer (Commonly Model Year 2018)**

Cause

For chassis built post face-lift (Generation 2), the engine may not respond to bodybuilder module commands. This issue occurs when commands sent by bodybuilder modules are routed through the data link via the Body Link Connector instead of controlled by a directly wired connection or switch.

This issue occurs due to data link signal priority. Cruise control and engine speed adjustment are both handled by steering wheel switches, which also broadcasts signals via data link. The default setting for signal sources gives priority to the steering wheel switches over any other signal. Because of this, an engine speed change commanded by a different module would be ignored because the signal was not sent from the steering wheel switches.

Solution

This solution is applicable ONLY for chassis configured as indicated above. Any engine speed, PTO, or Cruise Control issues on chassis with other configurations should be diagnosed with normal procedures.

If the chassis is the correct configuration:

- Run Accessory Kit 85153488
- Program the VECU as needed.
- Check function

Solution visibility

BO only

Function(s)/component(s) affected

Function affected

engagement , PTO , 1 1 0 EMS , 3 1 0 TECU , MID 144 – VECU , MID 249 – BBM , Diagnostic tool

Function Group

Function Group

27 engine controls , 284 control system, fuel supply , 365 entire vehicle control system , 48 power take-off , 891 exterior equipment

