
General Information

The Emergency Stop feature will cause the engine to shut down using a remote switching device.

This feature is standard on all Ram Chassis Cabs with PTO Prep (sales codes LBN or LBV). It is not available on any pickups or chassis cabs without PTO prep.

The Emergency Stop method used in 2018 and older vehicles is not recommended for 2019 and beyond. Starting in 2019, the electrical system architecture is different due to the Keyless Go ignition system.

Feature Settings

In order for Emergency Stop to function, REMOTE IGNITION must be enabled in the EVIC.

REMOTE IGNITION is enabled in the REMOTE IGNITION sub-menu found under the COMMERCIAL SETTINGS menu in the EVIC. The REMOTE IGNITION menu is not present on vehicles without PTO prep. (sales code LBN or LBV) For the programming menu map, see the PTO document under EVIC PROGRAMMING MENUS in the UPFITTERS CONTROLS AND FEATURES category on the Ram Body Builder's Guide.

Operation

Once REMOTE IGNITION is enabled, Emergency Stop is engaged by connecting the W555 circuit to vehicle battery voltage. (V_{bat})

W555 is the GN/DB wire in the green VSIM connector. For more information on the VSIM, see the VEHICLE SYSTEMS INTERFACE MODULE document under the ELECTRICAL WIRING INFORMATION category on the Ram Body Builder's Guide.

When W555 is connected to V_{bat} , a running engine will shut down. If an engine start is attempted while W555 is pulled high, the engine may crank briefly, but will not start. To restart the engine after an Emergency Stop event, disconnect W555 from V_{bat} prior to initiating the crank. The engine will crank and start normally.

Ram recommends using a latching SPST switch with a minimum contact rating of 0.5 amps to connect W555 to V_{bat} . The switch should be well marked and easily accessible from the operator's normal work area. The upfitter may wish to consider measures to prevent accidental Emergency Stop engagement.

Feature Inhibits

There are certain vehicle system conditions that that must be true before Emergency Stop can be engaged. The conditions are listed below.

- Engine running.
- Transmission in PARK.
- REMOTE IGNITION enabled in EVIC.