



SSM 52586 2018-2023 Mustang - 5.0L - 10R80 - Buck/Jerk Condition During Throttle Tip-In Between 35-45 MPH And Transmission In 8th, 9th, Or 10th Gear With No DTCs Stored

Some 2018-2023 Mustang vehicles equipped with a 5.0L engine and a 10R80 transmission may exhibit a buck/jerk sensation that may be perceived as an engine misfire during throttle tip-in between 35-45 mph (56-72 km/h) and with the transmission in 8th, 9th, or 10th gear. This buck/jerk sensation is a characteristic of the vehicle and can be compared to a like vehicle that is equipped with a similar powertrain (engine, transmission, and rear end gear ratio) driven in the same manner. A diagnostic trouble code (DTC) will not set because of this condition. If no DTC is set, inform the customer that the vehicle is operating as designed. If a misfire DTC is present, the DTC should be diagnosed first following the correct diagnostic procedure outlined in the Workshop Manual, Section 303-07B.