



FORD FIESTA AND FOCUS TRANSMISSION OVER HEAT MESSAGE

COMPLAINT: Ford Fiesta (2011-2014) and Ford Focus (2012-2014) may display a "Transmission Overheating Stop Safely" message in the Base Message Center. Codes related to the Transmission Range Sensor, TCM Power Input and Communication Error Codes between the PCM and the RFA Module (Remote Function Actuator/Keles Vehicle Module) will accompany the condition.

CAUSE: Ford states that these codes may cause the Overheat message to be displayed without the transmission overheating.

CORRECTION: It is suggested by Ford to diagnose the codes set prior to diagnosing the overheat message.

Codes that may be stored are:


TRS Related Codes: P0706, P0707, P0708, P2801, P2802, P2805

TCM Power Related Codes: P0702 and P0882

Communication Codes: U0100 and U0294

Message Logic: These vehicles are equipped with a Getrag 6DCT250 otherwise known as Ford's Powershift DPS6. This is a dual dry clutch manual shift transmission that is automatically shifted by the TCM. One clutch drives odd gears (1-3-5) while the other the even gears (2-4-6). The apply and release of these two clutches as is shifts through the gears are prone to overheating under certain driving conditions. Stop and go traffic would be one such example. As a result, there are many safety measures taken to prevent damage to the clutches by informing the driver with a variety of messages. Some of the messages that can be displayed are:

Transmission Too Hot Press Brake
Transmission Overheating Stop Safely
Transmission Hot Stop Or Speed Up
Transmission Hot Wait "X number of" Minutes
Transmission Hot Wait...

These will be accompanied by a lit Information Icon . It will be Red or Amber depending on the severity of the message and will remain on until the message has been rectified. When the message is displayed it will also be accompanied with an audible chime. The message that typically comes up first is the "Transmission Hot Stop Or Speed Up" message with an Amber Information Icon and a chime. The message may repeat itself if insufficient action is taken and the Information Icon will turn Red along with a louder audible chime. If no action is taken and temperatures continue to increase, the computer will cause the clutch to shudder and display the "Transmission Overheating Stop Safely" message or "Transmission Hot Wait" or "Transmission Hot Wait "X" number of Minutes. If the transmission exceeds maximum temperatures the transmission will default to neutral.