

2000 Ford RABS

There are a few things that should be checked if the RABS light is on before pulling the code. Insure the master cylinder is full, the float is not sticking, the connection at the RABS valve and the VSS is clean and tight and the back brakes are properly adjusted. This is based on the 2000 Ford manual Rear ABS procedure and may not apply to all vehicles, it is not for 4 wheel ABS. If something is not clear, missing or different on your vehicle please feel free to email me and I will try help or provide a different procedure.

Vehicle Setup

WARNING: Place blocks behind the rear wheels and in front of the front wheels to prevent the vehicle from moving while the System Pre-Check is being done.

For 4WD vehicles, shift into 2WD. Drive the vehicle to a level area, and place the shift lever in PARK for automatic transmissions (7003) and NEUTRAL for manual transmissions. Turn the ignition OFF, set the parking brake and turn on the running lamps. Place blocks behind the rear wheels and in front of the front wheels.

Release the parking brake.

Diagnostic Trouble Codes (DTCs), Retrieving

CAUTION: Care must be taken to connect only the (BK/OG) stripe wire to ground. Connecting the mating connector wire to ground will result in a blown fuse.

Note: The ignition switch must be in the RUN position (engine does not need to be running), before disconnecting the RAB II diagnostic connector or the diagnostic trouble codes (DTCs) will be erased. Next, locate the black RABS II diagnostic connector. The diagnostic C244 has two mating halves, one of which has a (BK/OG) wire. Disconnect the diagnostic connector C244.

Attach one end of a jumper wire with a 10A in-line fuse to the (BK/OG) wire side of the diagnostic connector C244. Ground the opposite end of the jumper wire until the ABS light begins to flash. Grounding the (BK/OG) wire starts the yellow ABS warning indicator flashing. If grounding the (BK/OG) wire does not start the yellow ABS warning indicator flashing, refer to Symptom Chart.

The code consists of a number of short flashes and ends with a long flash. Count the short flashes and include the following long flash in the count to obtain the code number. For example, three short flashes followed by one long flash indicates DTC 4. The code will continue to repeat itself until the key is turned off. It is recommended that the code be verified by reading it several times. This code will be used later for system repair instructions. It should be written down for future use. A DTC 16 is obtained when the anti-lock brake control module detects normal system operation.

Diagnostic Trouble Codes (DTCs), Erasing

The last step of the System Pre-Check always includes clearing the keep alive memory (KAM). Turn off the ignition while the diagnostic connector C244 is separated as described in the procedures for retrieving the DTC. The diagnostic connector C244 should be reassembled to provide KAM power to the anti-lock brake control module.