



DTC Summaries

Teves Mk 20-I ABS and ABS/TC Systems

DTCs are stored in the ABS/TC control module nonvolatile memory and can be accessed only through the DLC (Diagnostic Link Connector) using PDU.

Depending on the fault detected, the ABS or ABS/TC module will adopt one of the following default actions:

System switches off – the ABS or ABS/TC system will be switched off until the fault is corrected. The brake system will operate as a normal non-anti-lock system.

System inhibited – operation of the modulator assembly solenoid valves will be inhibited while the fault is present. The brake system will operate as a normal non-anti-lock system.

TC/ASC switches off – the traction control and stability control systems will be switched off until the fault is corrected. ABS functions will continue to operate normally.

PDU DATALOGGER ACRONYMS

FBRAKE	Stop light switch
FLWS	Front left wheel speed sensor
FRWS	Front right wheel speed sensor
RLWS	Rear left wheel speed sensor
RRWS	Rear right wheel speed sensor

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	ABS MIL	DEFAULT ACTION	POSSIBLE CAUSES
C1095	Pump motor failure	Drive vehicle to activate ABS / ASC or TC. Stop vehicle. Drive vehicle > 25 mph (40 km/h)	YES	System switches off	Pump motor to CM circuit: high resistance, open circuit or short circuit to ground or B+ voltage Pump motor failure
C1137	Control module internal circuit failure	Ignition ON > 8 minutes	YES*	System switches off	CM ground circuits: high resistance, open circuit or short circuit to B+ voltage CM power circuits: high resistance, open circuit or short circuit to ground CM failure
C1145	Wheel speed sensor circuit right front electrical failure	Drive vehicle > 12.5 mph (20 km/h) > 2 minutes	YES	System: – Switches off >3 mph (5 km/h) – Inhibited < 3 mph (5 km/h)	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Wheel speed sensor failure CM failure
C1155	Wheel speed sensor circuit left front electrical failure	Drive vehicle > 12.5 mph (20 km/h) > 2 minutes	YES	System: – Switches off > 3 mph (5 km/h) – Inhibited < 3 mph (5 km/h)	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Wheel speed sensor failure CM failure
C1165	Wheel speed sensor circuit right rear trigger electrical failure	Drive vehicle > 12.5 mph (20 km/h) > 2 minutes	YES*	System: – Switches off > 3 mph (5 km/h) – Inhibited < 3 mph (5 km/h)	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Wheel speed sensor failure CM failure
C1175	Wheel speed sensor circuit left rear electrical failure	Drive vehicle > 12.5 mph (20 km/h) > 2 minutes	YES*	System: – Switches off > 3 mph (5 km/h) – Inhibited < 3 mph (5 km/h)	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Wheel speed sensor failure CM failure

* OBD II fault – If the fault occurs on two consecutive trips, the ECM will flag this DTC and the CHECK ENGINE MIL will be activated.

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	ABS MIL	DEFAULT ACTION	POSSIBLE CAUSES
C1233	Wheel speed sensor circuit left front signal failure	Drive vehicle > 25 mph (40 km/h) > 2 minutes	YES	System switches off > 12.5 mph (20 km/h) or > 2 min.	Wheel speed sensor circuit to CM: open circuit or short circuit to ground Wheel speed sensor open circuit or short circuit Incorrect wheel speed sensor to reluctor air gap CM failure Solenoid valve failure
C1234	Wheel speed sensor circuit right front signal failure	Drive vehicle > 25 mph (40 km/h) > 2 minutes	YES	System switches off > 12.5 mph (20 km/h) or > 2 min.	Wheel speed sensor circuit to CM: open circuit or short circuit to ground Wheel speed sensor open circuit or short circuit Incorrect wheel speed sensor to reluctor air gap CM failure Solenoid valve failure
C1235	Wheel speed sensor circuit right rear signal failure	Drive vehicle > 25 mph (40 km/h) > 2 minutes	YES	System switches off > 12.5 mph (20 km/h) or > 2 min.	Wheel speed sensor circuit to CM: open circuit or short circuit to ground Wheel speed sensor open circuit or short circuit Incorrect wheel speed sensor to reluctor air gap CM failure Solenoid valve failure
C1236	Wheel speed sensor circuit left rear signal failure	Drive vehicle > 25 mph (40 km/h) > 2 minutes	YES	System switches off > 12.5 mph (20 km/h) or > 2 min.	Wheel speed sensor circuit to CM: open circuit or short circuit to ground Wheel speed sensor open circuit or short circuit Incorrect wheel speed sensor to reluctor air gap CM failure Solenoid valve failure
C1267	Modulator valve failure	Drive vehicle > 25 mph (40 km/h)	YES	System switches off	ABS system sensors, wiring or connectors: intermittent open circuit, short circuit or short circuit to ground or B+ voltage Electronic (RFI) interference Modulator valve failure CM failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	ABS MIL	DEFAULT ACTION	POSSIBLE CAUSES
B1342	CAN circuit malfunction	Drive vehicle > 12.5 mph (20 km/h)	YES	TC/ASC switches off	CAN open circuit fault CAN short circuit fault CM failure
B1676	Supply voltage out of range	Drive vehicle > 12.5 mph (20 km/h) > 1500 rpm	YES	System: - Switches off > 19 volts - Inhibited < 9 volts	Battery to CM B+ supply circuit; open circuit or high resistance Battery failure, loose terminals Charging system failure CM failure