



# DTC Summaries

## Teves Mk IV ABS and ABS/TC Systems: Sedan Range 1995 – 1997 and XJS Range 1995 MY from VIN 198335 (ABS only)

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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 switches off – the traction control functions will be switched off until the fault is corrected. ABS functions will continue to operate normally.

TC inhibited – operation of the traction control function will be inhibited while the fault is present. ABS functions will continue to operate normally.

## **PDU DATALOGGER ACRONYMS**

FBRAKE	Stop light switch
TCSW	Traction control 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
TFP	Traction control actuator position (TC actuator sensor)

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	ABS MIL	DEFAULT ACTION	POSSIBLE CAUSES
C1095	Pump motor failure	Drive vehicle > 12.5 mph (20 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
C1145	Wheel speed sensor right front trigger signal failure	Drive vehicle > 12.5 mph (20 km/h)	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
C1148	Wheel speed sensor right front speed continuity signal failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Incorrect wheel speed sensor air gap Wheel speed sensor failure
C1155	Wheel speed sensor left front trigger signal failure	Drive vehicle > 12.5 mph (20 km/h)	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
C1158	Wheel speed sensor left front speed continuity signal failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Incorrect wheel speed sensor air gap Wheel speed sensor failure
C1165	Wheel speed sensor right rear trigger signal failure	Drive vehicle > 12.5 mph (20 km/h)	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

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	ABS MIL	DEFAULT ACTION	POSSIBLE CAUSES
C1168	Wheel speed sensor right rear speed continuity signal failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Incorrect wheel speed sensor air gap Wheel speed sensor failure
C1175	Wheel speed sensor left rear trigger signal failure	Drive vehicle > 12.5 mph (20 km/h)	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
C1178	Wheel speed sensor left rear speed continuity signal failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Wheel speed sensor open or short circuit Wheel speed sensor to CM circuit: high resistance, open circuit or short circuit to ground Incorrect wheel speed sensor air gap Wheel speed sensor failure
C1194	Outlet valve left front failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1198	Inlet valve left front failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1210	Outlet valve right front failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1214	Inlet valve right front failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1233	Wheel speed sensor left front no signal long term	Drive vehicle > 12.5 mph (20 km/h) > 14 seconds	YES	System switches off	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

<b>DTC</b>	<b>FAULT DESCRIPTION</b>	<b>MONITORING CONDITIONS</b>	<b>ABS MIL</b>	<b>DEFAULT ACTION</b>	<b>POSSIBLE CAUSES</b>
C1234	Wheel speed sensor right front no signal long term	Drive vehicle > 12.5 mph (20 km/h) > 14 seconds	YES	System switches off	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
C1235	Wheel speed sensor right rear no signal long term	Drive vehicle > 12.5 mph (20 km/h) > 14 seconds	YES	System switches off	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
C1236	Wheel speed sensor left rear no signal long term	Drive vehicle > 12.5 mph (20 km/h) > 14 seconds	YES	System switches off	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
C1242	Outlet valve left rear failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1246	Outlet valve right rear failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1250	Inlet valve left rear failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1254	Inlet valve right rear failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	Low reference or supply voltage Traction control actuator failure CM failure
C1258	Wheel speed sensor left front wheel speed comparison failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	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

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	ABS MIL	DEFAULT ACTION	POSSIBLE CAUSES
C1259	Wheel speed sensor right front wheel speed comparison failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	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
C1260	Wheel speed sensor right rear wheel speed comparison failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	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
C1261	Wheel speed sensor left rear wheel speed comparison failure	Drive vehicle > 12.5 mph (20 km/h)	YES	System switches off	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
B1317	Supply voltage high	Drive vehicle > 12.5 mph (20 km/h) > 1500 rpm	YES	System switches off	Charging system failure Battery failure, loose terminals
B1342	CM failure	Drive vehicle > 12.5 mph (20 km/h)	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
C1404	Isolating valve failure	Traction control switched ON. Accelerate vehicle on a road surface to activate traction control.	YES	System switches off	Low reference or supply voltage Traction control actuator failure ABS / TC CM failure
C1449	TC actuator position incorrect	Traction control switched ON. Accelerate vehicle on a road surface to activate traction control.	YES	TC inhibited	Accelerator / throttle cable: incorrect adjustment TC actuator position sensor to ABS / TC CM circuit: high resistance, open circuit or short circuit to ground TC actuator position sensor failure TC actuator failure ABS / TC CM failure

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C1450	TC actuator motor failure	Traction control switched ON. Accelerate vehicle on a road surface to activate traction control.	YES	TC switches off	TC actuator to ABS / CM circuit: open circuit, high resistance, short circuit to ground or B+ voltage TC actuator motor failure ABS / TC CM failure
C1495	TC actuator position sensor signal incorrect	Traction control switched ON. Accelerate vehicle on a road surface to activate traction control.	YES	TC inhibited	Accelerator / throttle cable: incorrect adjustment TC actuator position sensor to ABS / TC CM circuit: high resistance, open circuit or short circuit to ground TC actuator position sensor failure TC actuator failure ABS / TC CM failure