

9.5 Traction Systems (ETS)

Diagnosis – Complaint Related Diagnostic Chart

Preparation for Test

1. Review 21

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
ETS MIL (A1e35) or ABS MIL (A1e17) illuminate when engine is running		Read out DTC using HHT, 12
ETS MIL (A1e35) or ABS MIL (A1e17) illuminate while driving and do not go out		Read out DTC using HHT, 12
Low brake fluid/parking brake/brake-force proportioning indicator lamp (A1e7) illuminates while driving and does not go out. Additionally, an acoustical warning tone is heard.	Fault in the electronic brake force distribution.	Read out DTC using HHT, 12
BAS/ETS MIL(A1e49) and ABS MIL (A1e17) illuminate while driving and then go out.	Vehicle system voltage <11 V, too many electrical consumers in use.	Check generator (G2), Read out DTC using HHT, 12
Brake pad wear indicator lamp (A1e6), Low brake fluid level/parking brake indicator lamp (A1e7), ETS warning lamp (A1e36), ABS MIL (A1e17) or ETS MIL (A1e35) do not illuminate with ignition switch ON	CAN data line.	Read out DTC for Instrument cluster, using HHT, 23 ⇒ 3.0
ABS MIL (A1e17) illuminates with engine running after brake test or dynamometer use.	Nonplausible rpm signal due to different rpm at front and rear axles.	Read out DTC using HHT, 12
ETS MIL (A1e35) illuminates while driving and then after a while goes out (DTC code of C1512 is stored)	Brakes were at one time overloaded.	Read out DTC using HHT, 12

¹⁾ Observe Preparation for Test, see 22.