9.3   Traction Systems (ABS, ASR, ETS) and SPS

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy [1]
ASR MIL (A1e22) or ETS MIL (A1e35) or ABS MIL (A1e17) illuminate when engine is running		Read out DTC using HHT, 12
ASR MIL (A1e22) or ETS MIL (A1e35) and ABS MIL (A1e17) illuminate while driving and do not go out		Read out DTC using HHT, 12
ASR MIL (A1e22) or ETS MIL (A1e35) 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), ASR warning lamp (A1e21), ETS warning lamp (A1e36), ABS MIL (A1e17), ASR MIL (A1e22) or ETS MIL (A1e35) will not illuminate when turning ignition on.	Data bus to instrument cluster (instrument cluster **without** CAN connection) CAN data line (instrument cluster with CAN connection)	12 Read out DTC's instrument cluster
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, erase using HHT. 12
ETS only, ETS MIL (A1e35) illuminates while driving and then after a while goes out (DTC code C 1512 is stored)	Rear brakes at one time were overloaded	Read out DTC, erase using HHT. 12

[1]   Observe Preparation for Test,