

4.1 Automatic Locking Differential (ASD)

Models 124.128, 129.061, 201

Diagnosis - Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Remedy/Test step
ASD warning lamp (A1e25) does not come on, ASD MIL (A1e24) comes on with Ignition: ON .	Wiring between N30/2 and A1e25, Bulb, Electronic part of A1e25, N30/2.	23 ⇒ 4.0
ASD warning lamp (A1e25) does not change intensity when turning on exterior lamps with Ignition: ON .	Electronic part of A1e25.	Electronic part of A1e25.
ASD MIL (A1e24) does not come on, ASD warning lamp (A1e25) comes on with Ignition: ON .	Wiring between N30/2 and A1e25, Bulb, N30/2.	23 ⇒ 5.0
ASD warning lamp (A1e25) and ASD MIL (A1e24) stay on continuously with engine running.	Wiring between N30/2 and circuit 61e, No voltage on circuit 61e, N30/2.	23 ⇒ 2.0, If there is no voltage on circuit 61e, this will also be evident on the generator charge indicator lamp (A1e5). Check wiring, generator and voltage regulator, N30/2.
ASD warning lamp (A1e25) and ASD MIL (A1e24) do not come on with Ignition: ON .	Wiring, N30/2, Overvoltage protection relay module (K1/2), Circuit board in instrument cluster.	23 ⇒ 1.0