

## ADS control unit pin assignment

- 1: Power supply, 12V (overvoltage protection relay)
- 2: Power supply 12V (from alternator)
- 3: -
- 4: to Diagnostic terminal (pin #9, 12V)
- 5: Left front wheel speed sensor (alternating current)
- 6: Oil level switch 12V
- 7: ADS warning lamp (dashboard, 12V when light is off)
- 8: Wheel acceleration pickup (power supply?)
- 9: Body acceleration pickup (power supply?)
- 10: Level adjustment control valve, lower
- 11: Level adjustment control valve, raise
- 12: Rear axle solenoid valve 2 RA2+
- 13: -
- 14: Rear axle solenoid valve 2 RA1+
- 15: -
- 16: Front axle solenoid valve 2 right RFA2+
- 17: Front axle solenoid valve 2 left LFA2+
- 18: Front axle solenoid valve 2 right RFA1+
- 19: Front axle solenoid valve 2 left LFA1+
- 20: -
- 21: Steering angle sensor (ac)
- 22: Hard/soft switch
- 23: Ground
- 24: Wheel acceleration pickup
- 25: Wheel acceleration pickup (sensor signal off > dc –  
sensor signal dynamic > ac)
- 26: Body acceleration pickup (sensor signal off > dc –  
sensor signal dynamic > ac)
- 27: Body acceleration pickup
- 28: Level switch raise
- 29: Level switch lower
- 30: Hard/soft switch
- 31: Level adjustment control valve
- 32: Rear axle solenoid valve (power supply?) RA-
- 33: -
- 34: Front axle solenoid valve, right (power supply?) LFA-
- 35: Front axle solenoid valve, left (power supply?) RFA-

ADS unit  
car front

