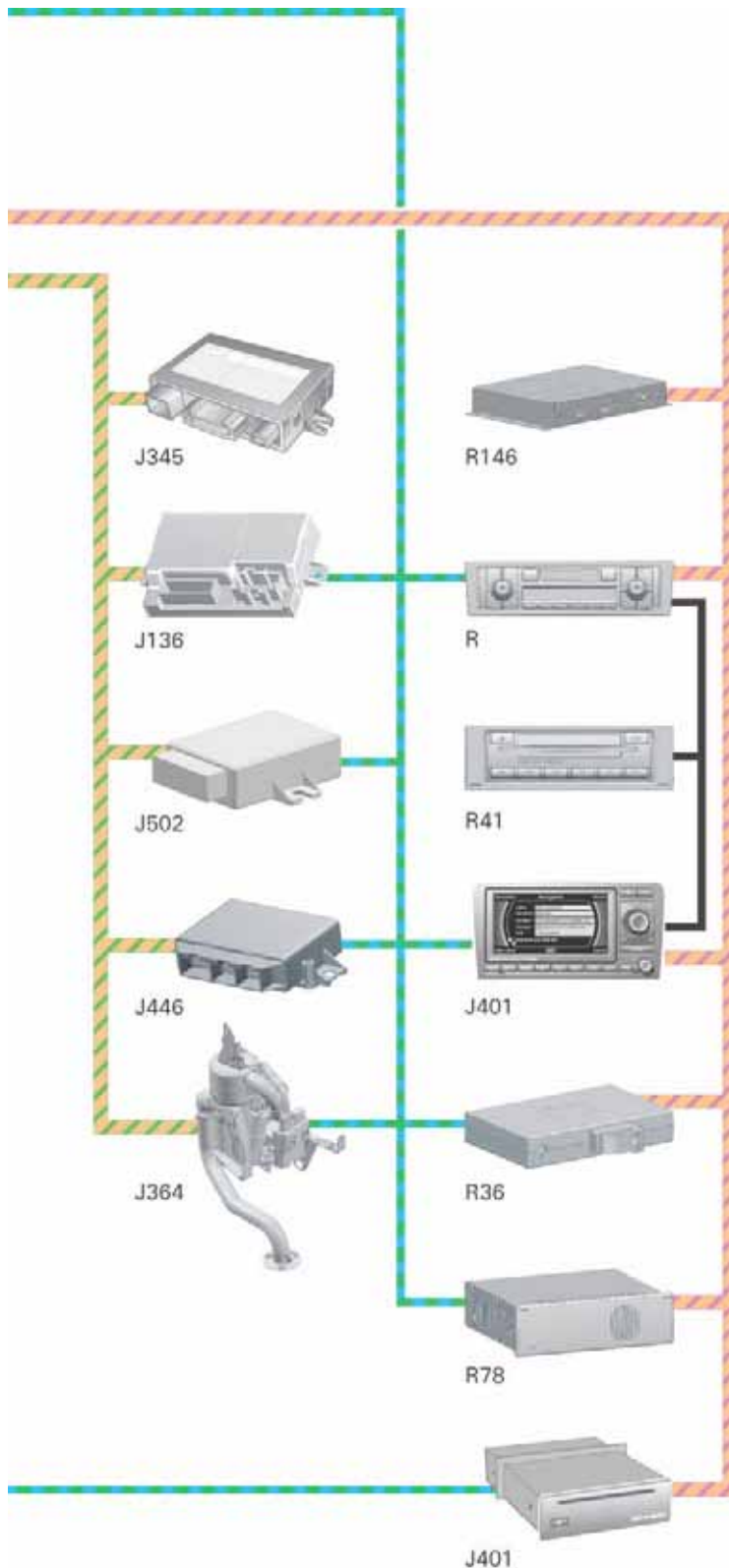




The bus topology - as with the complete electrical system - is heavily based on the Audi A4 '01. As before, the gateway is integrated in dash panel insert J285. To diagnose on the driveline CAN bus the control units adopted from the Audi A3 and Audi A6, the driveline CAN bus is connected directly to the diagnosis plug. The control units on the convenience CAN bus and on the infotainment CAN bus are also diagnosed via the K and L wires (see also chapter "Diagnosis", page 10).



#### Legend

- G85 Steering angle sender
- G397 Rain and light detector sensor
- G419 ESP sensor unit
- J104 ABS with EDL control unit
- J136 Seat and steering column adjustment control unit with memory
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J255 Climatronic control unit
- J285 Control unit with display in dash panel insert
- J345 Trailer detection control unit
- J364 Additional heater control unit
- J386 Driver door control unit
- J387 Front passenger door control unit
- J388 Rear left door control unit
- J389 Rear right door control unit
- J393 Convenience system central control unit
- J401 Operating electronics control unit, navigation
- J431 Headlight range control, control unit
- J446 Parking aid control unit
- J453 Multi-function steering wheel control unit
- J502 Control unit for tyre pressure monitoring
- J519 onboard power supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J667 Power output module for left headlight
- J668 Power output module for right headlight
- J706 Seat occupied recognition control unit
- R Radio
- R36 Telephone transmitter and receiver unit
- R41 CD changer
- R78 TV tuner
- R146 Satellite radio (SDARS)

- Driveline CAN bus:500 kBaud
- Convenience CAN bus:100 kBaud
- Infotainment CAN bus:100 kBaud
- LIN
- K-wire
- L-wire
- Panasonic bus
- Various subbus systems

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