

ELE Electrical Wiring Diagrams

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Electrical Component Locations

Relay and fuse positions, component and ground locationssee **Repair Group ECL**

NOTE —

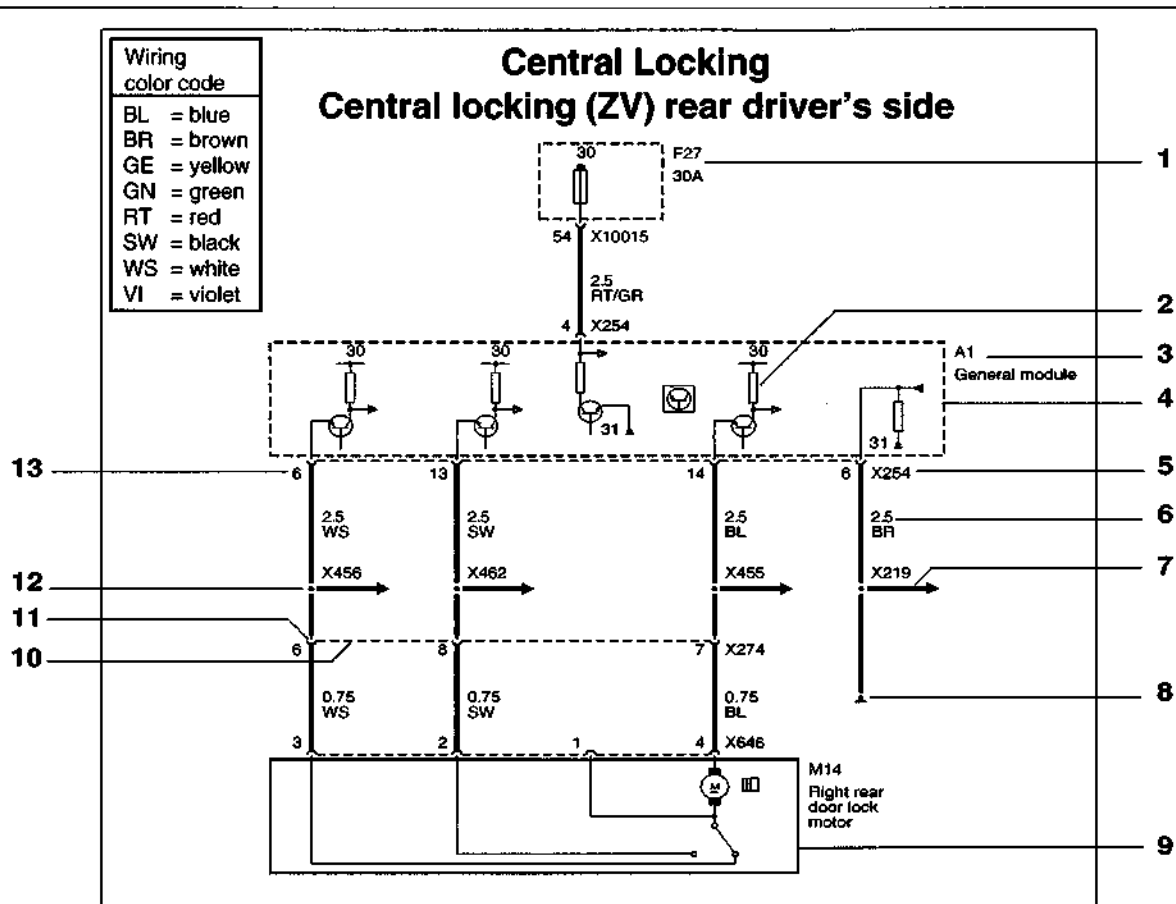
- Common MINI acronyms are explained in **600 Electrical System—General**.
- Airbags systems, formerly known by the acronym SRS (supplemental restraint system), are currently referred to by the BMW acronym MRS (multiple restraint system).
- Every attempt has been made in this repair manual to standardize component names. However, in some cases, the same component may appear with different names. Regardless of the component name, the alphanumeric component designation used on the wiring diagrams is consistent throughout.

ELE-6 Electrical Wiring Diagrams

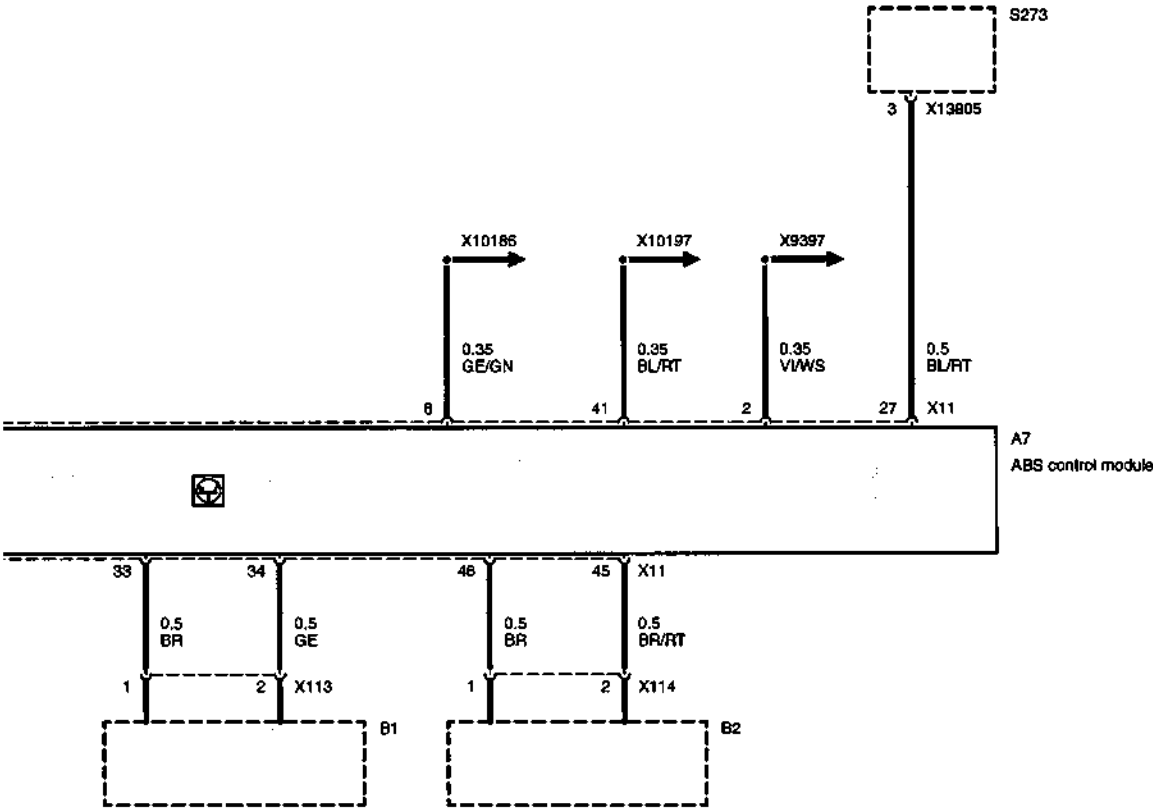
General

Sample wiring schematic

A sample wiring diagram is shown below. It identifies many of the elements found in the diagrams within this section. Note that a dashed line indicates that only a partial view is given and more information on that component or circuit can be found elsewhere in the schematics.



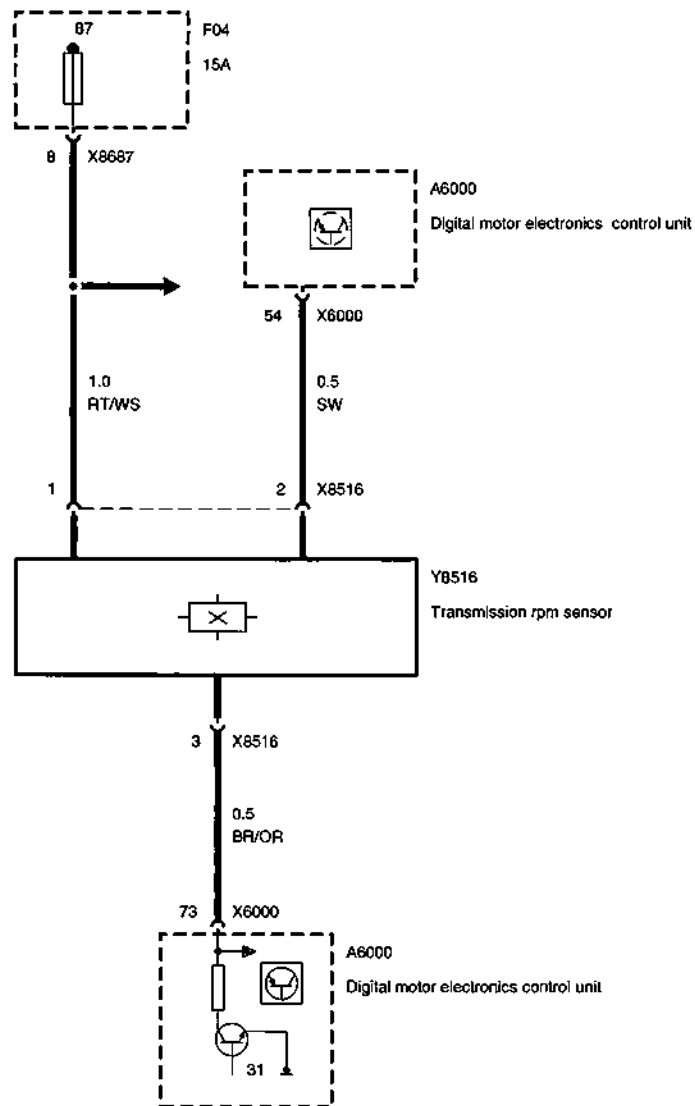
ABS/ASC (A7)
(from Sept. 2003)
(page 2 of 2)



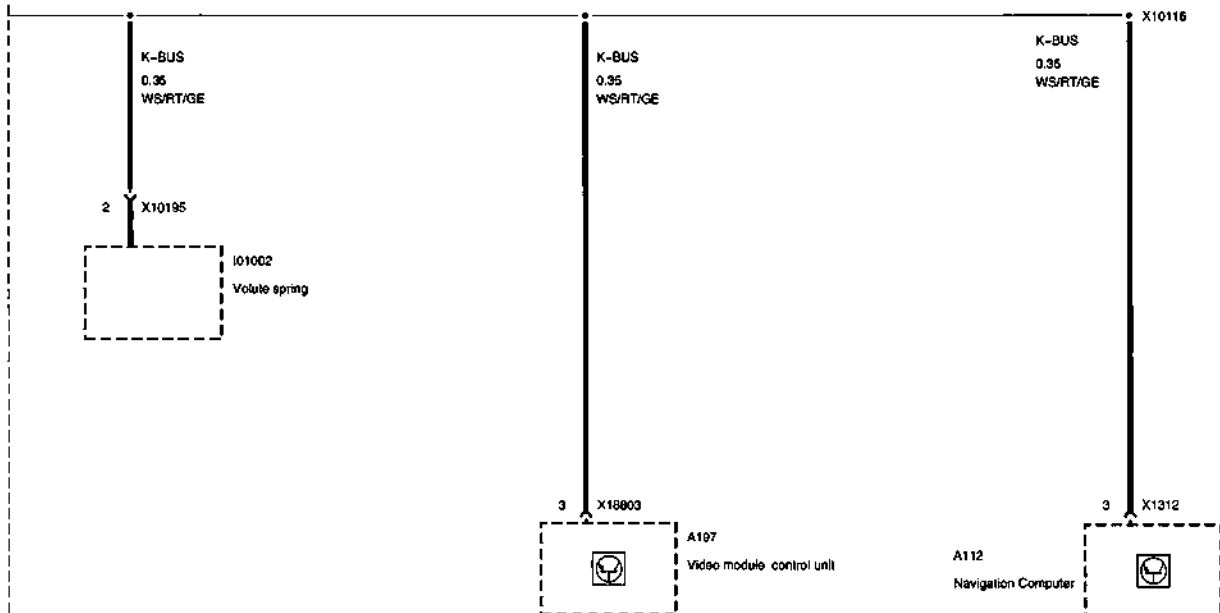
Automatic transmission (CVT)

Transmission speed sensor

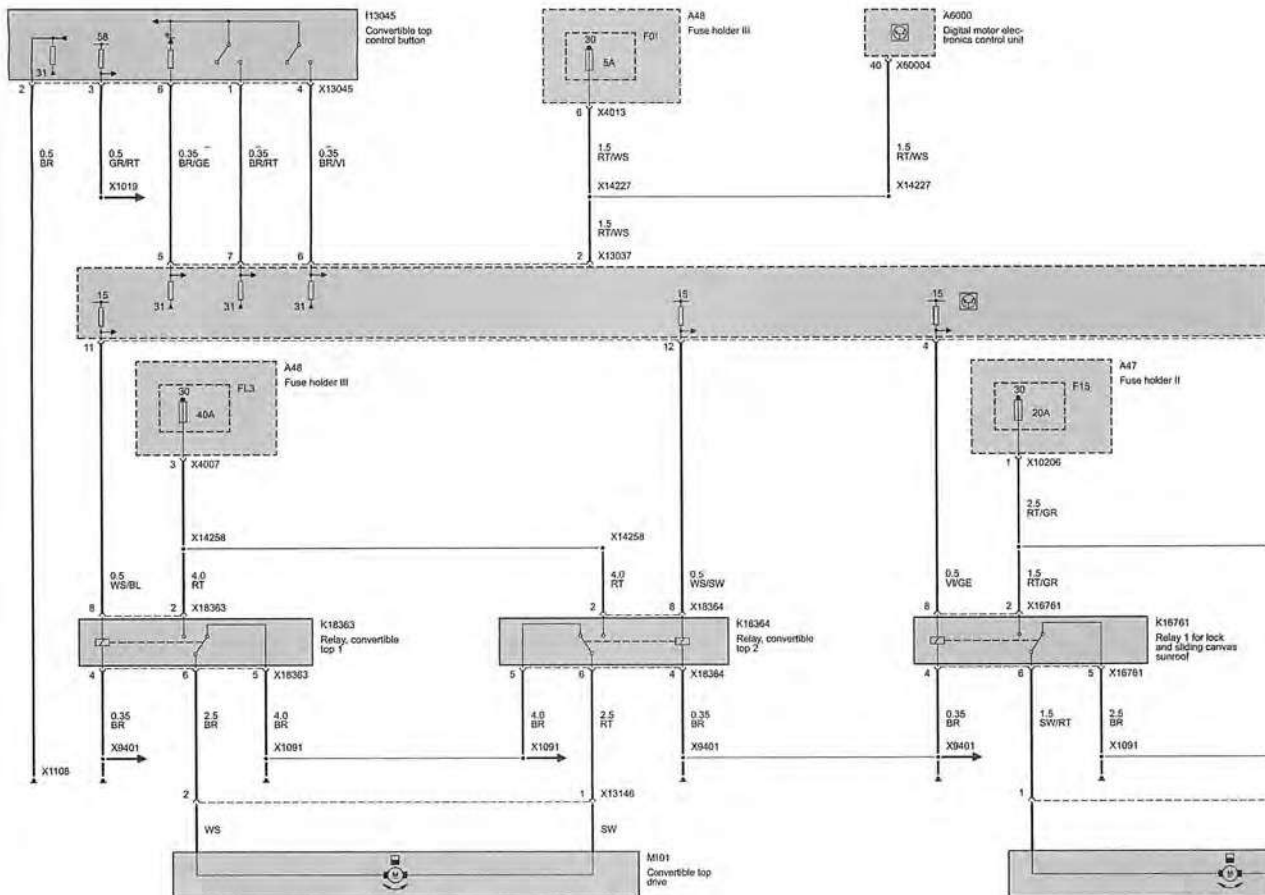
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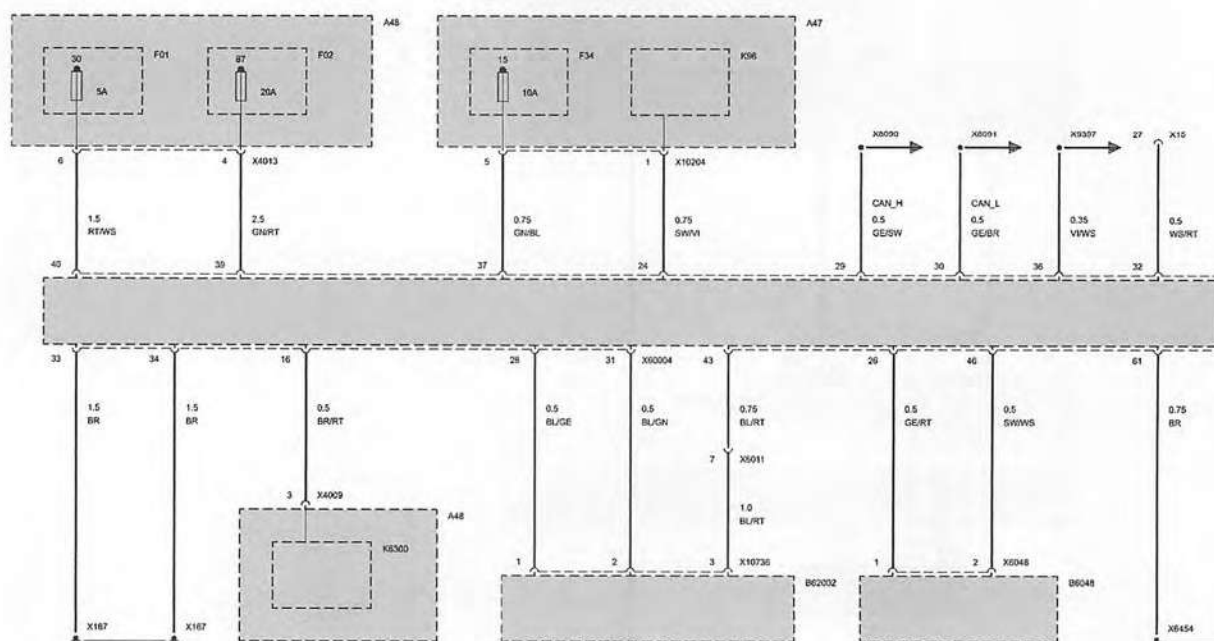
Bus system
(from March 2003 to Sept. 2003)
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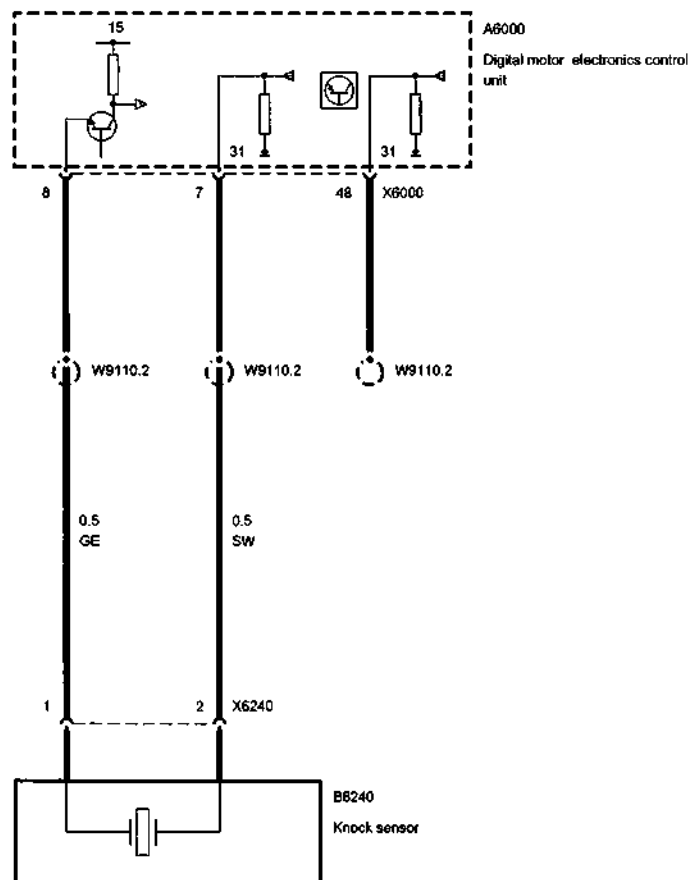
Convertible top Electric drive (from Sept. 2005) (page 1 of 2)



Engine management (DME) **Cooper (from March 2003 to Sept. 2005)** (page 1 of 6)



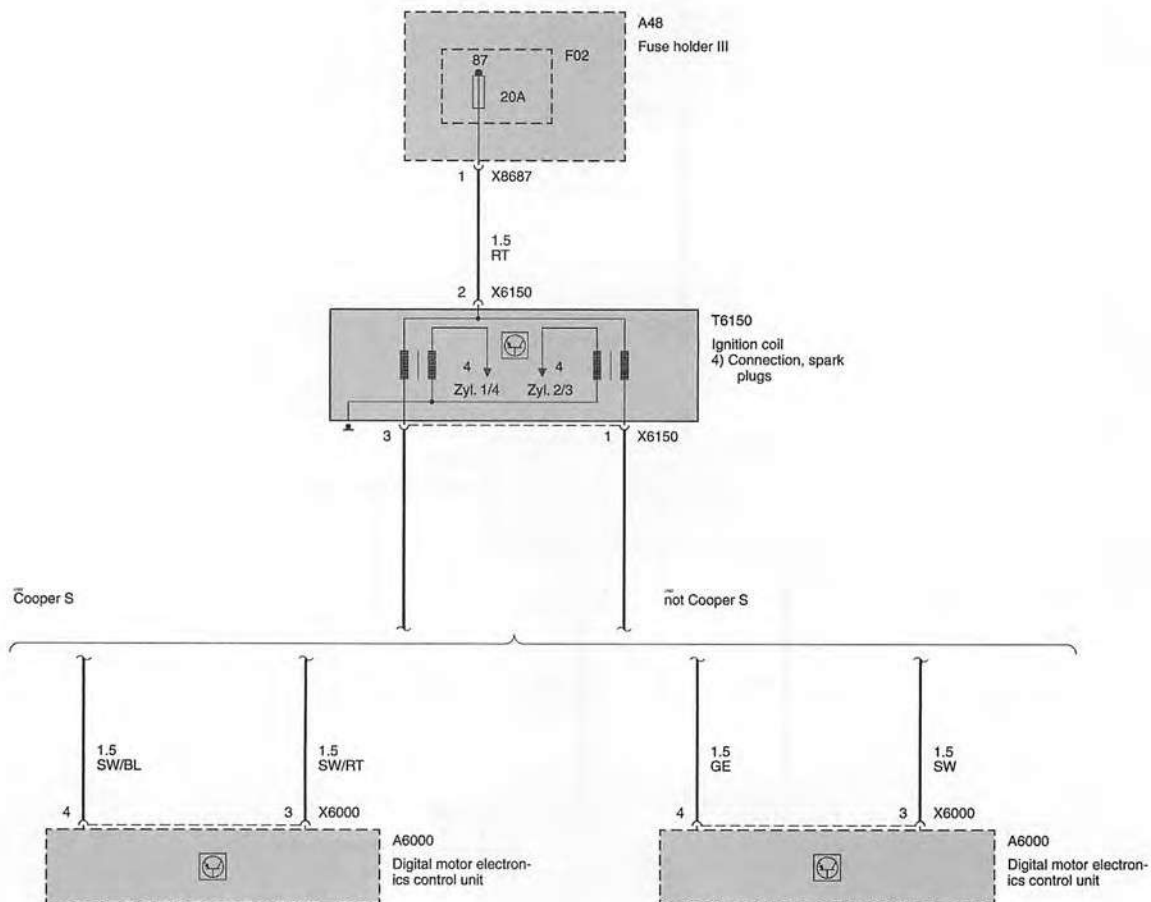
Engine management (DME) **Knock sensor (B6240)** (page 1 of 1)



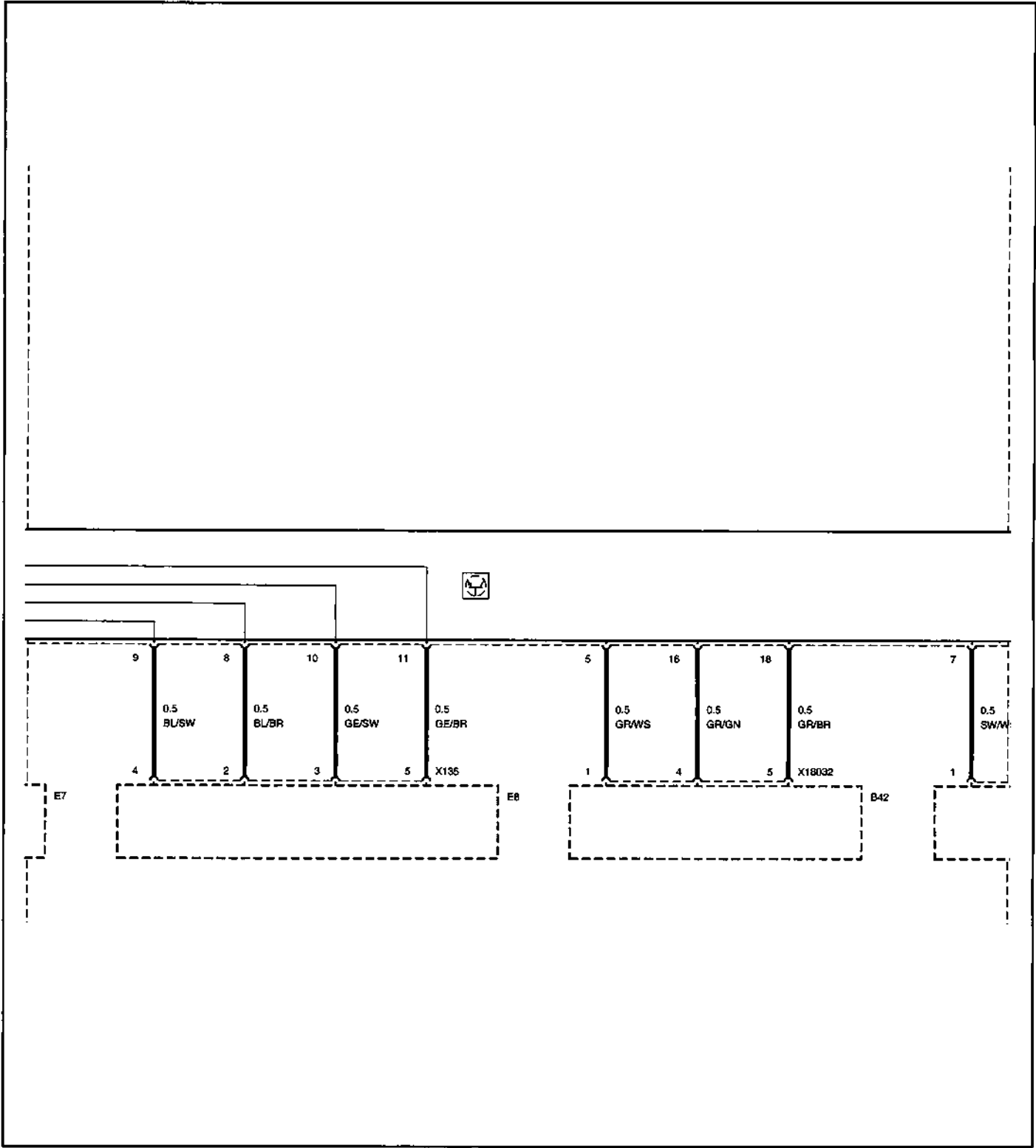
Engine management (DME)

Ignition coil (T6150)

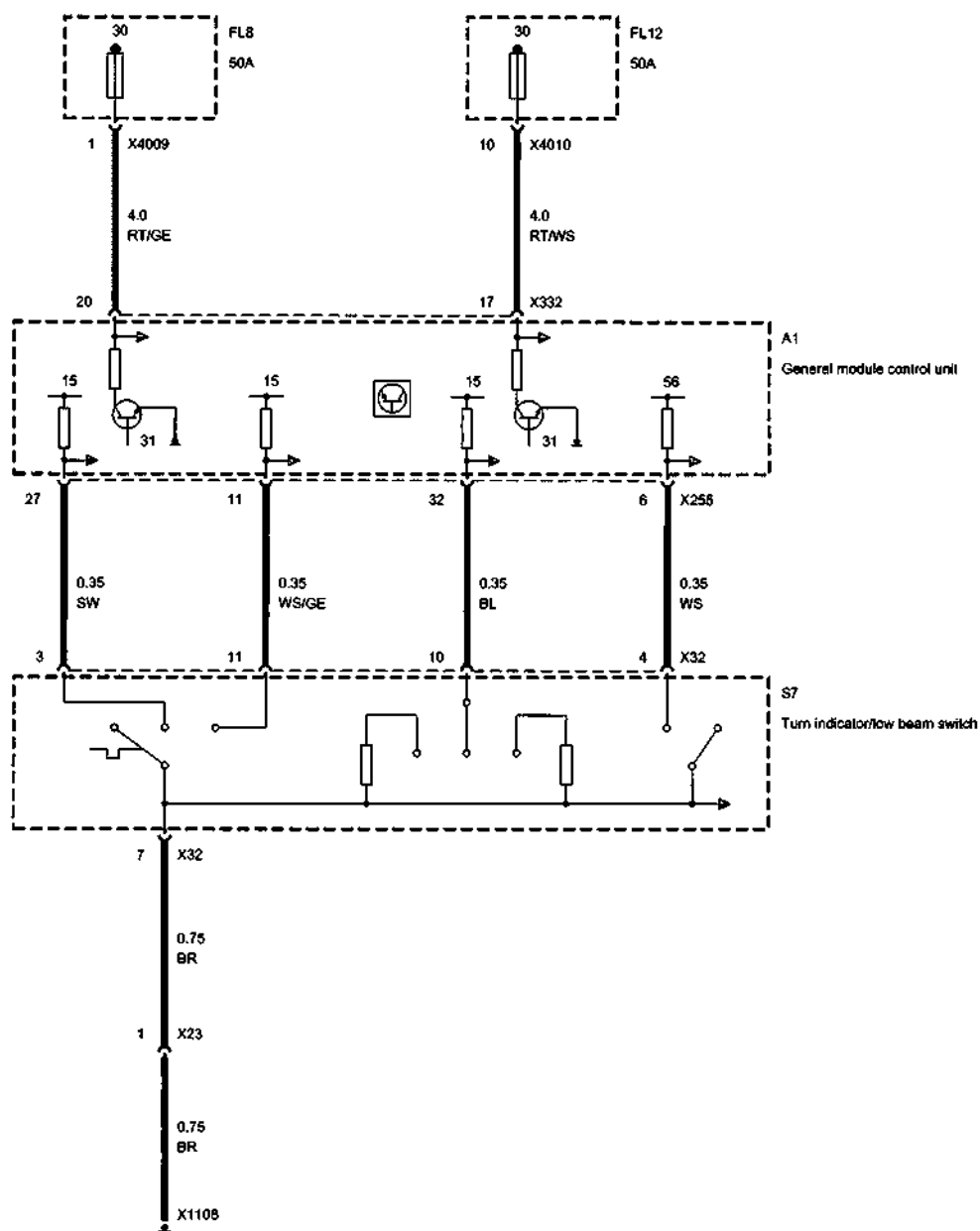
(page 1 of 1)



Exterior lights
Headlight vertical aim control (A53)
(page 2 of 3)

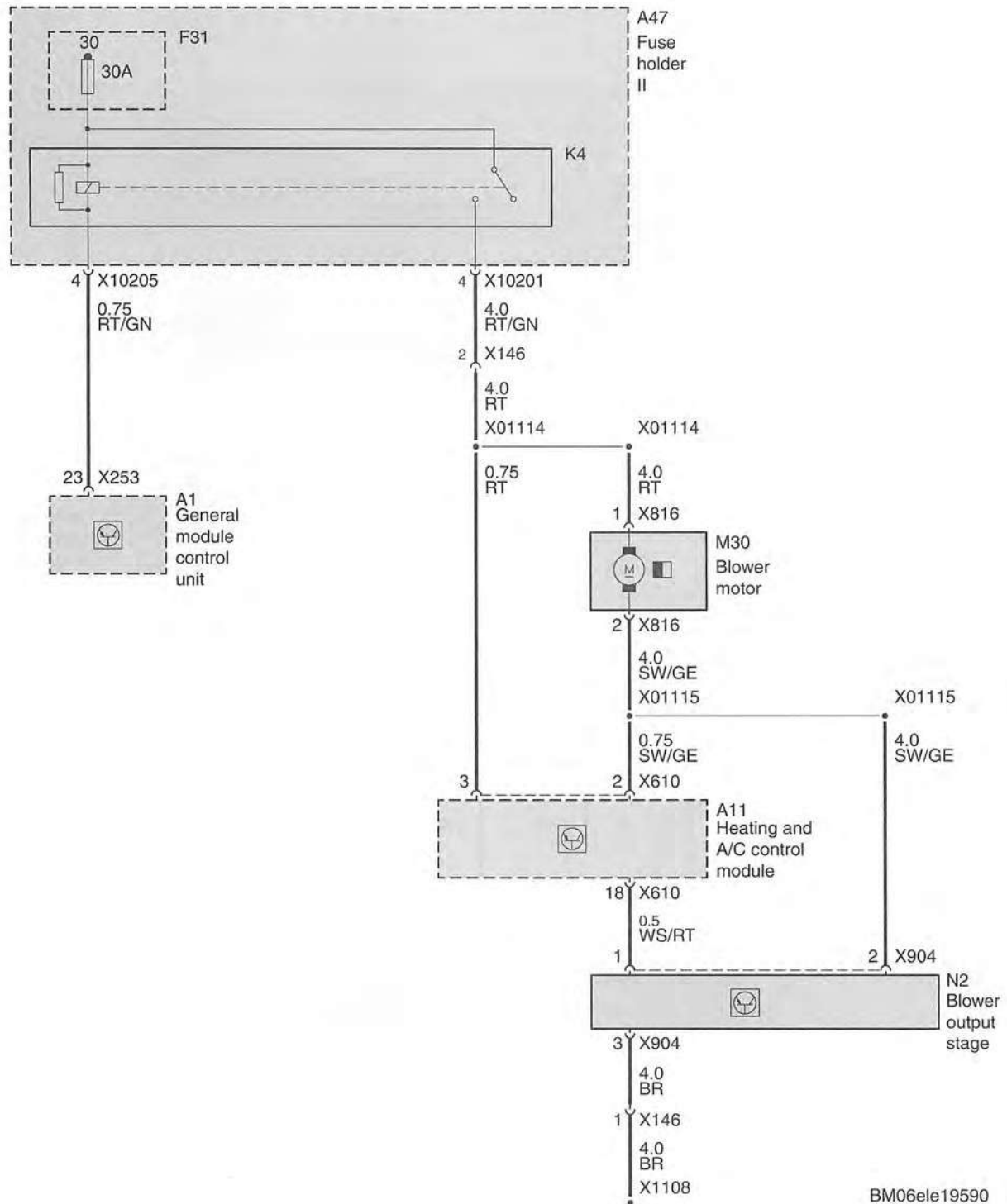


Exterior lights
Stalk switch, turn indicator (up to Jan. 2005)
(page 1 of 1)

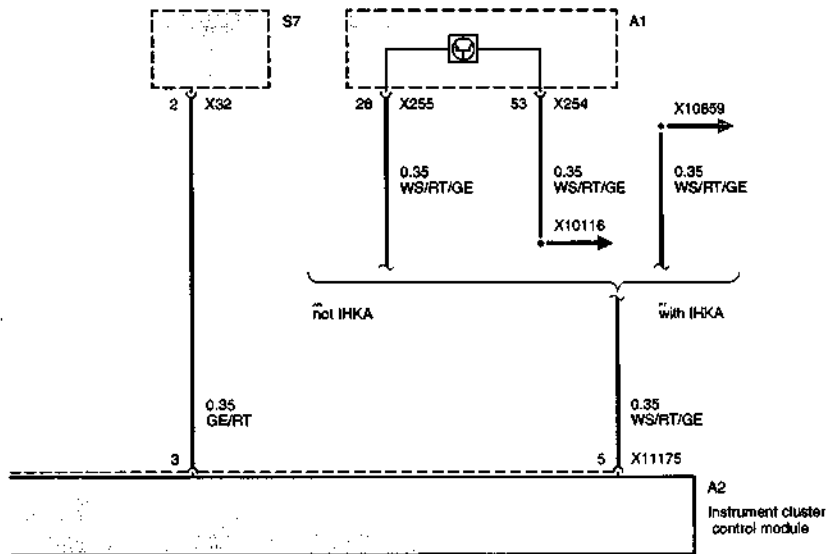


Heating and A/C

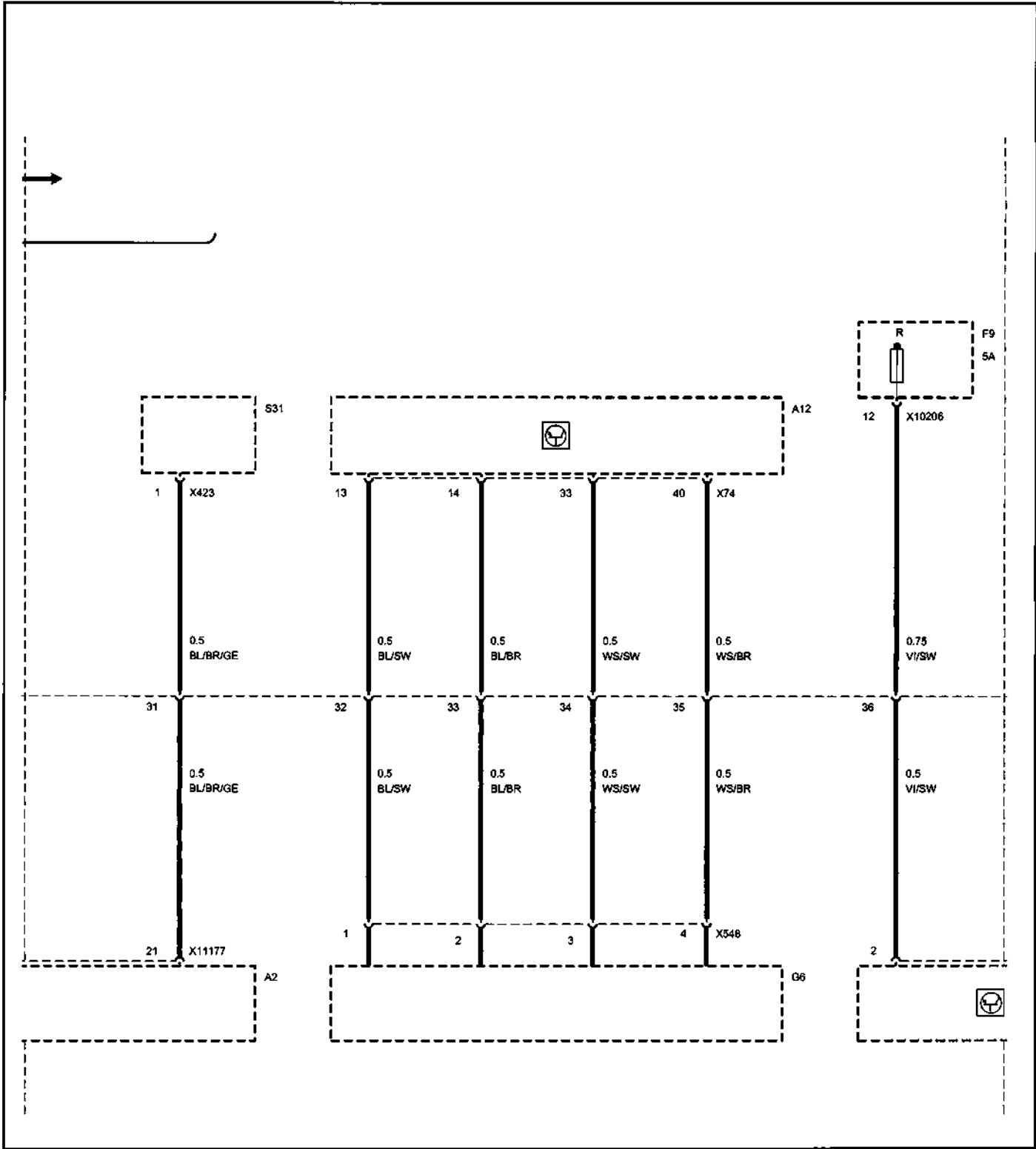
IHKA blower control (from March 2003)



Instruments **Instrument cluster (A2) (from Jan. 2005)** (page 3 of 3)



Instruments
Intermediate connector (X15) (up to Sept. 2003)
(page 7 of 9)



Park distance control (A81)
(page 2 of 4)

