

SECTION **BR**

- MODIFICATION NOTICE:**
- CONSULT-II is available for all models.
 - Service Data and Specifications (SDS) have been changed.
 - Wiring Diagrams have been changed.

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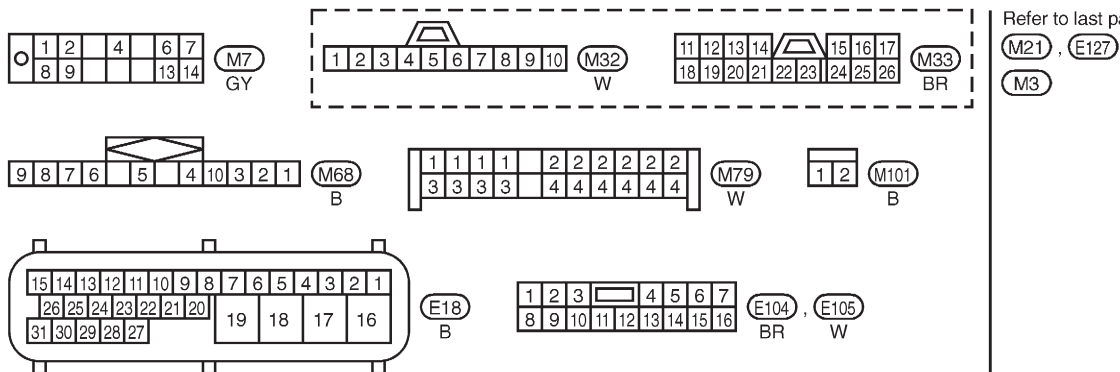
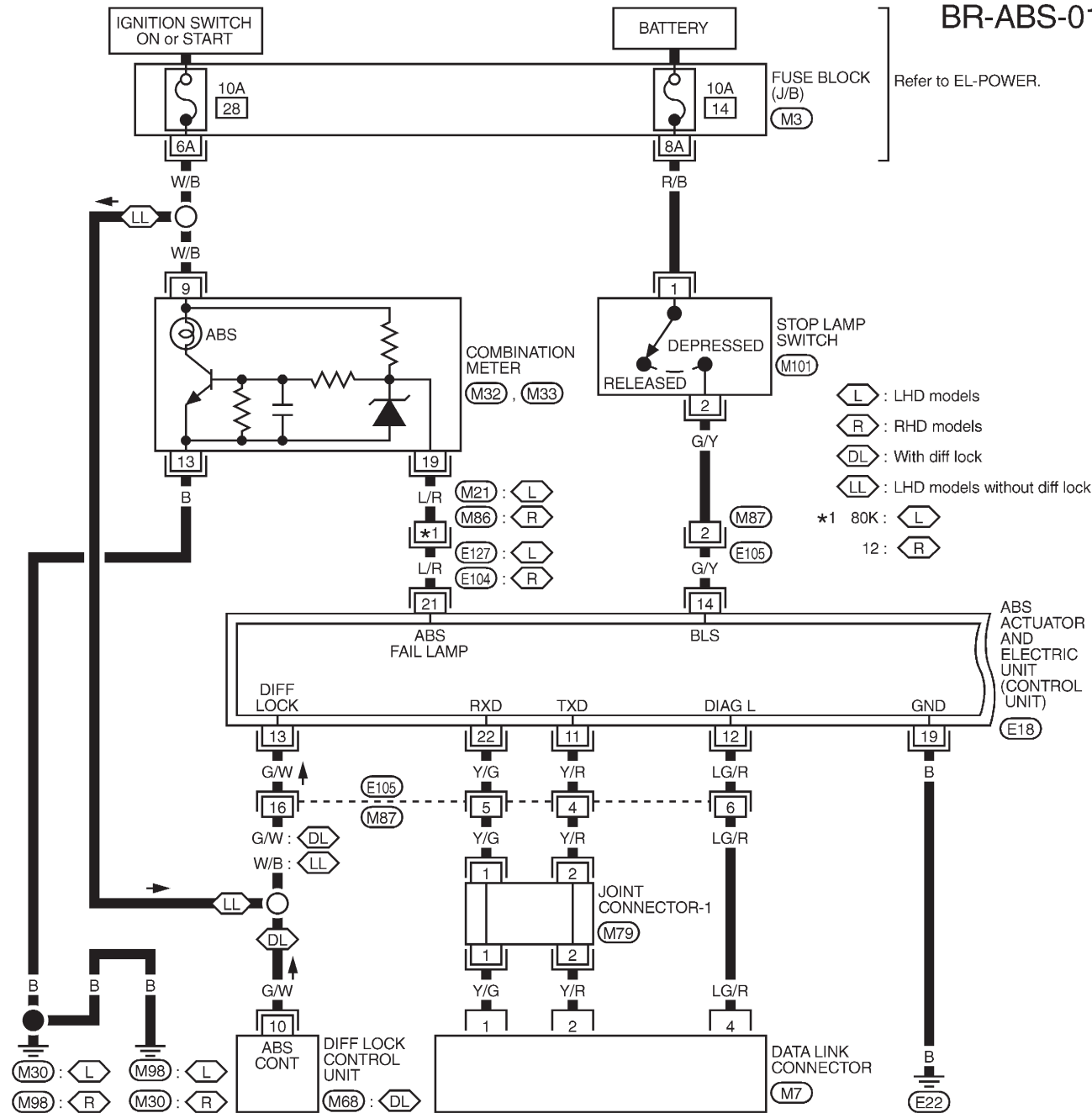
TROUBLE DIAGNOSES

Wiring Diagram — ABS —

BR-ABS-01

Refer to EL-POWER.

- L : LHD models
- R : RHD models
- DL : With diff lock
- LL : LHD models without diff lock
- ★1 80K: L
- 12: R



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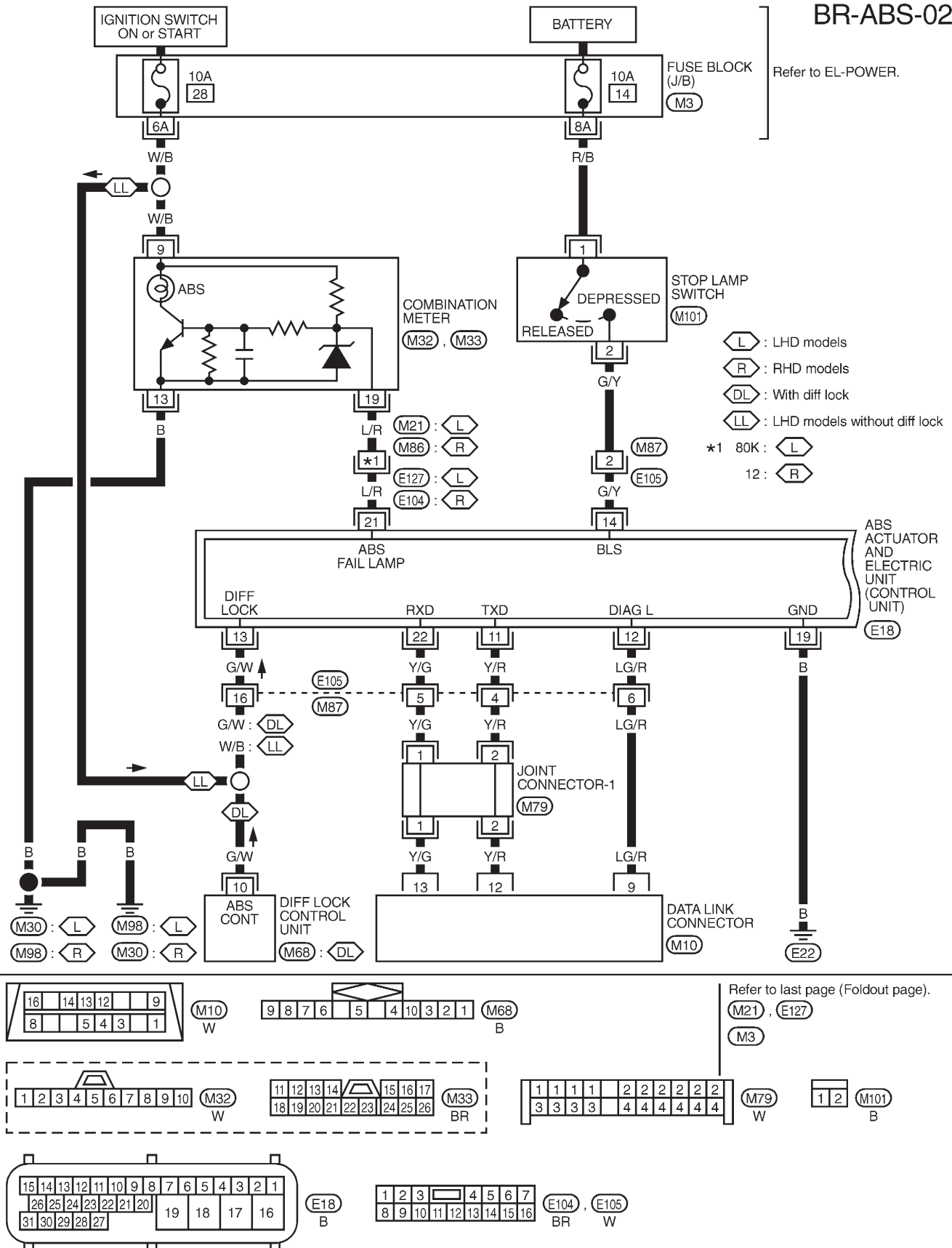
BR-1003

TROUBLE DIAGNOSES

Wiring Diagram — ABS — (Cont'd)

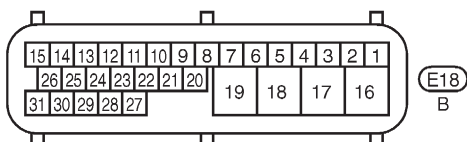
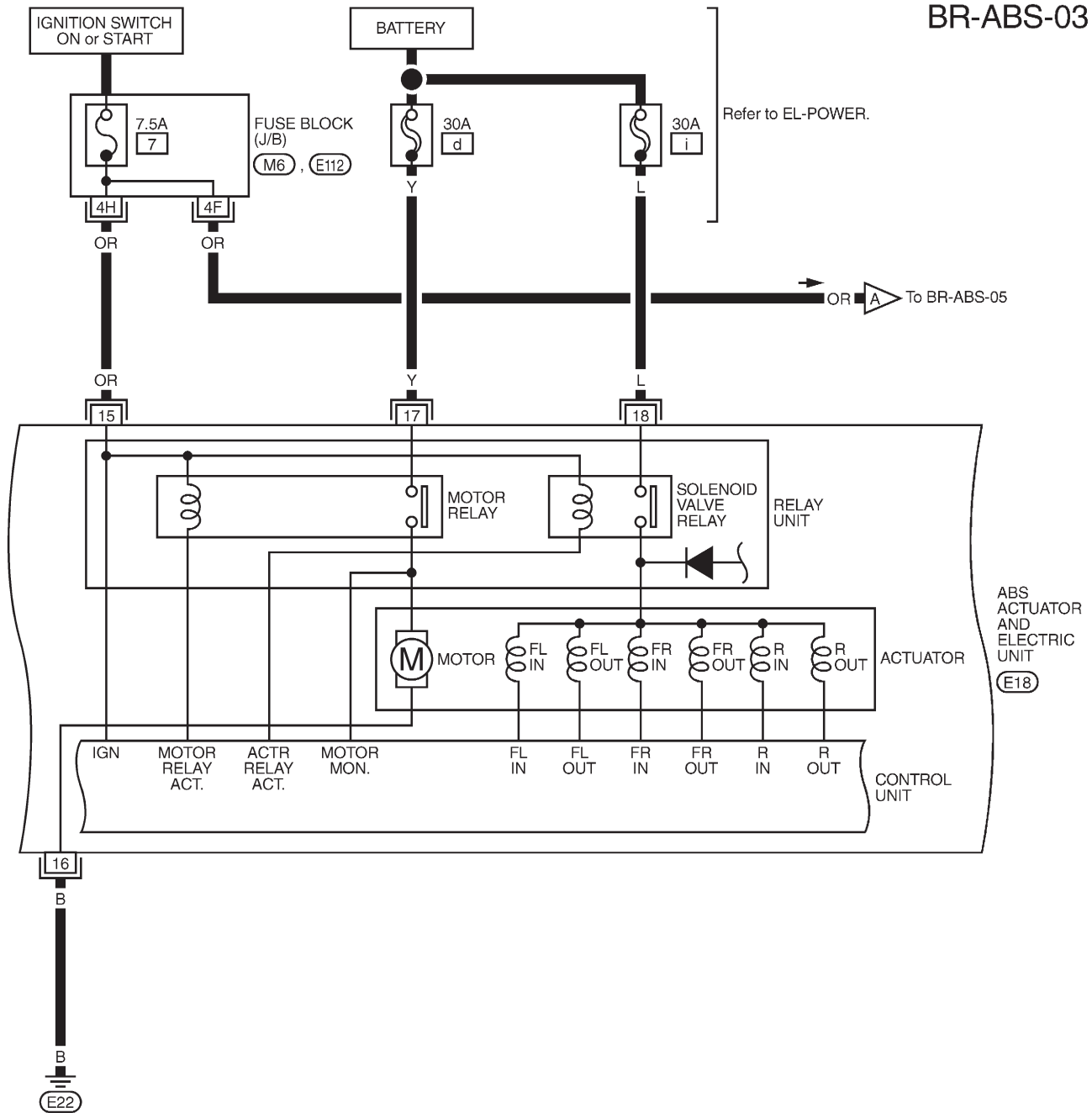
BR-ABS-02

Refer to EL-POWER.



Wiring Diagram — ABS — (Cont'd)

BR-ABS-03



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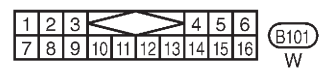
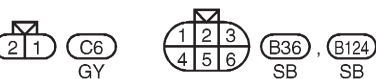
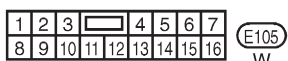
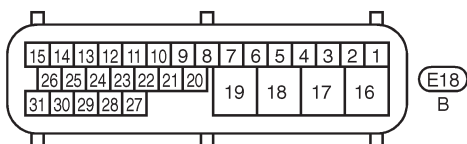
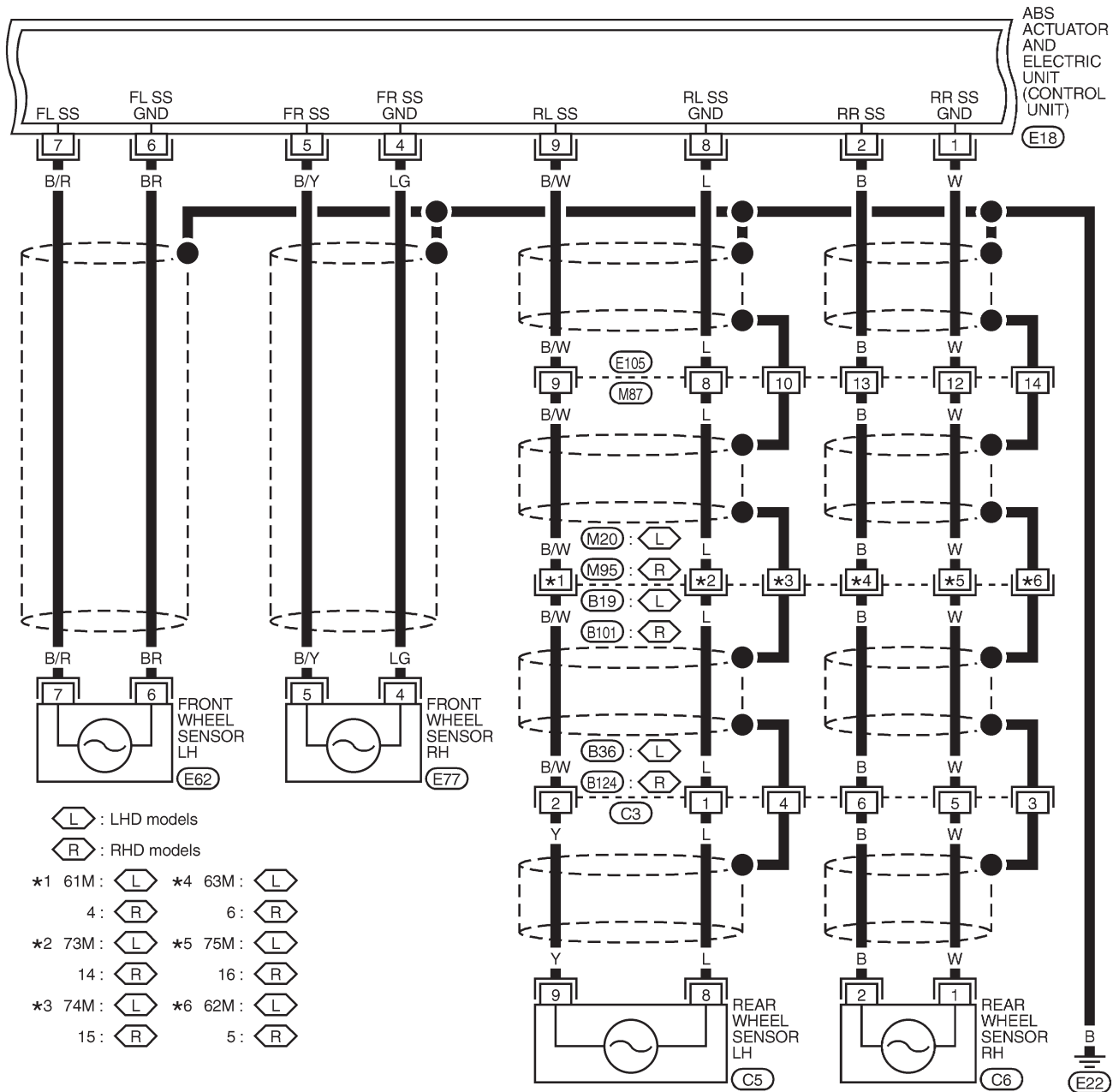
M6

E112

TROUBLE DIAGNOSES

Wiring Diagram — ABS — (Cont'd)

BR-ABS-04

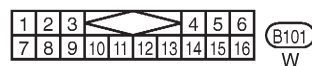
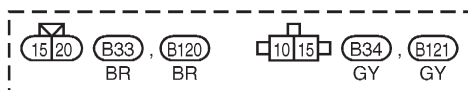
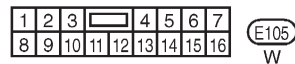
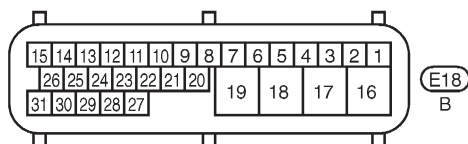
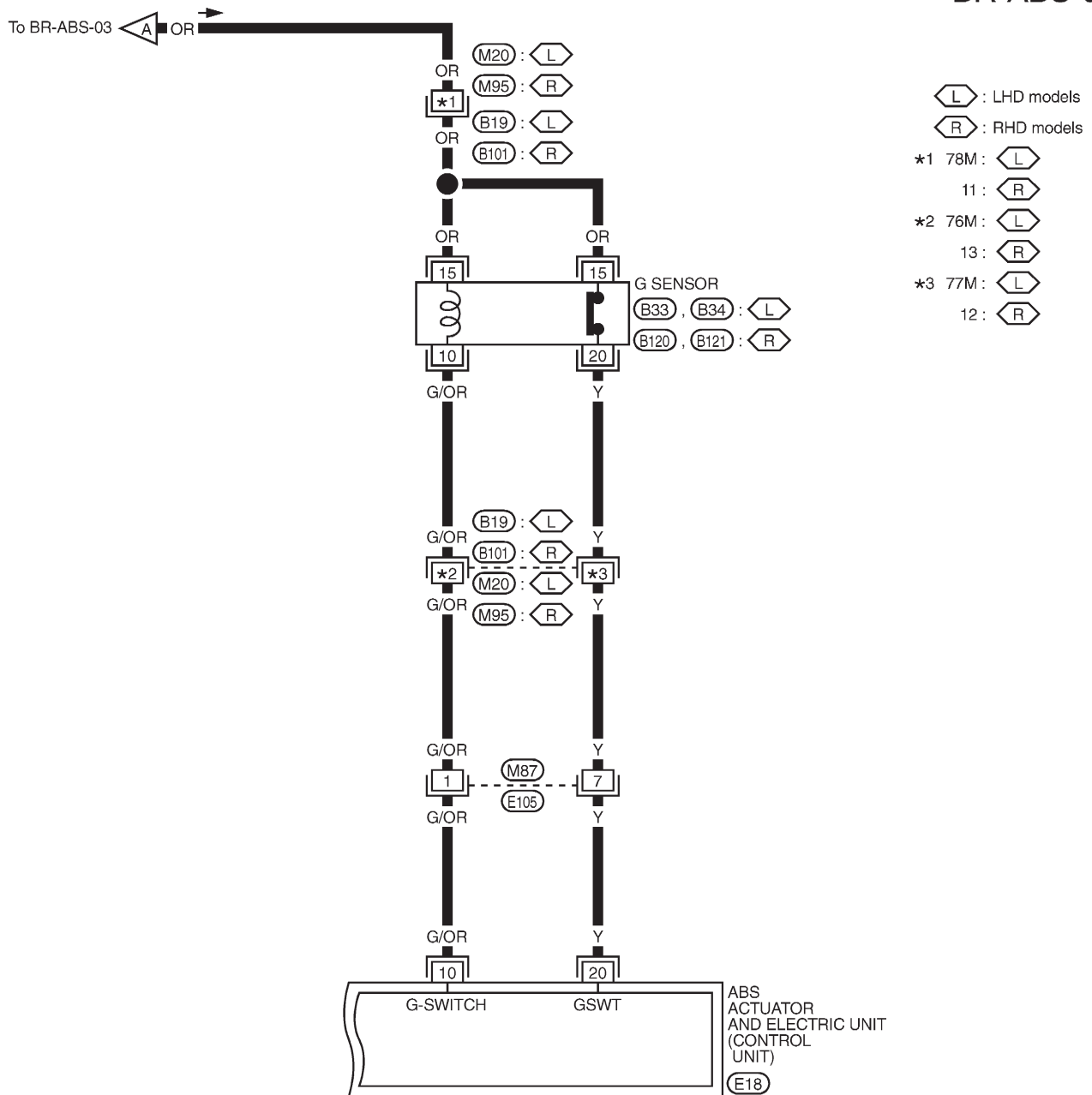


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M20, B19

Wiring Diagram — ABS — (Cont'd)

BR-ABS-05



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(M20) , (B19)

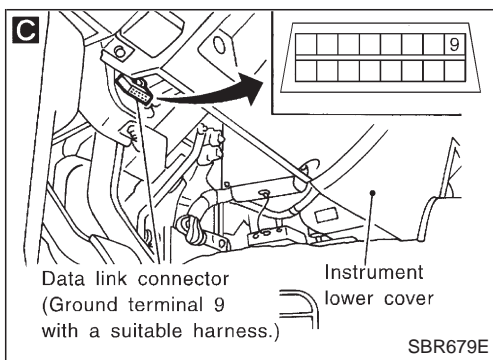
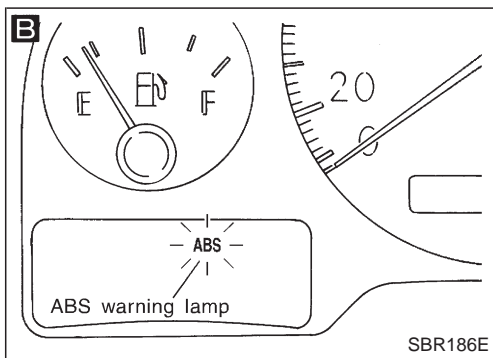
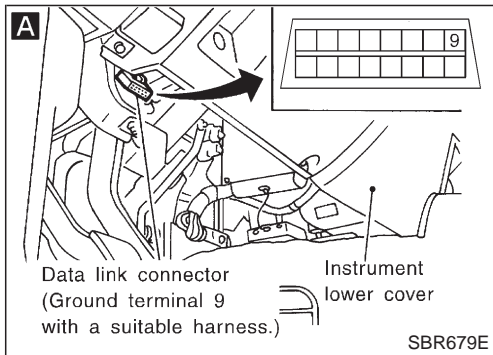
TROUBLE DIAGNOSES

Self-diagnosis

FUNCTION

- When a problem occurs in the ABS, the warning lamp on the instrument panel comes on. To start the self-diagnostic results mode, ground the self-diagnostic (check) terminal located on "Data Link Connector". The location of the malfunction is indicated by the warning lamp flashing.
- While DIFF-LOCK is on, anti-lock warning light flashes.

SELF-DIAGNOSIS PROCEDURE



Turn off DIFF-LOCK switch.
Drive vehicle over 30 km/h (19 MPH) for at least one minute.

Turn ignition switch "OFF".

A
Ground terminal "9" of "Data link connector" with a suitable harness.

Turn ignition switch "ON" while grounding terminal "9".
Do not depress brake pedal.

B
After 3.0 seconds, the warning lamp starts flashing to indicate the malfunction code No. (See NOTE.)

Verify the location of the malfunction with the malfunction code chart. Refer to the original Service Manual. Then make the necessary repairs following the diagnostic procedures.

After the malfunctions are repaired, erase the malfunction codes stored in the control unit. Refer to the original Service Manual.

Rerun the self-diagnostic results mode to verify that the malfunction codes have been erased.

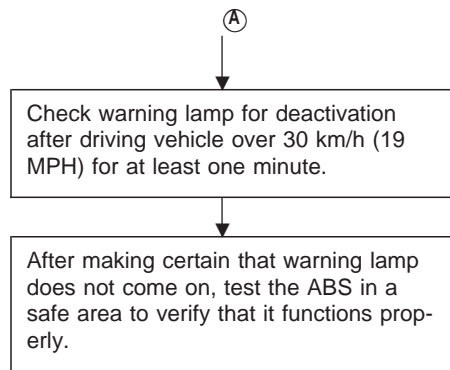
C
Disconnect the check terminal from the ground. The self-diagnostic results mode is now complete.

NOTE: The indication terminates after five minutes. However, when the ignition switch is turned from "OFF" to "ON", the indication starts flashing again.

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TROUBLE DIAGNOSES

Self-diagnosis (Cont'd)



SERVICE DATA AND SPECIFICATIONS (SDS)

General Specifications

Body	Europe	
	Hardtop	Wagon
Front brake		
Type	CL36VE disc brake	
Cylinder bore diameter mm (in)	48.1 (1.894) x 2	
Pad dimension mm (in) Length x width x thickness	147 x 56.5 x 12 (5.79 x 2.224 x 0.47)	
Rotor outer diameter x thickness mm (in)	306 x 32 (12.05 x 1.26)	
Rear brake		
Type	CL18VF disc brake	
Cylinder bore diameter mm (in)	48.1 (1.894)	
Lining or pad dimension mm (in) Length x width x thickness	111 x 41.8 x 10 (4.37 x 1.646 x 0.39)	
Drum inner diameter mm (in)	—	
Rotor outer diameter x thickness mm (in)	316 x 18 (12.44 x 0.71)	
Brake booster		
Model	235T	
Diaphragm diameter mm (in)	Primary: 252 (9.92) Secondary: 230 (9.06)	
Master cylinder bore diameter mm (in)	25.4 (1.00)	
Control valve		
Type	LSV	
Split point x reducing ratio kPa (bar, kg/cm ² , psi)	(Variable) x 0.3	(Variable) x 0.1
Recommended brake fluid	DOT 3 or DOT 4	