

SECTION **BR**

MODIFICATION NOTICE:

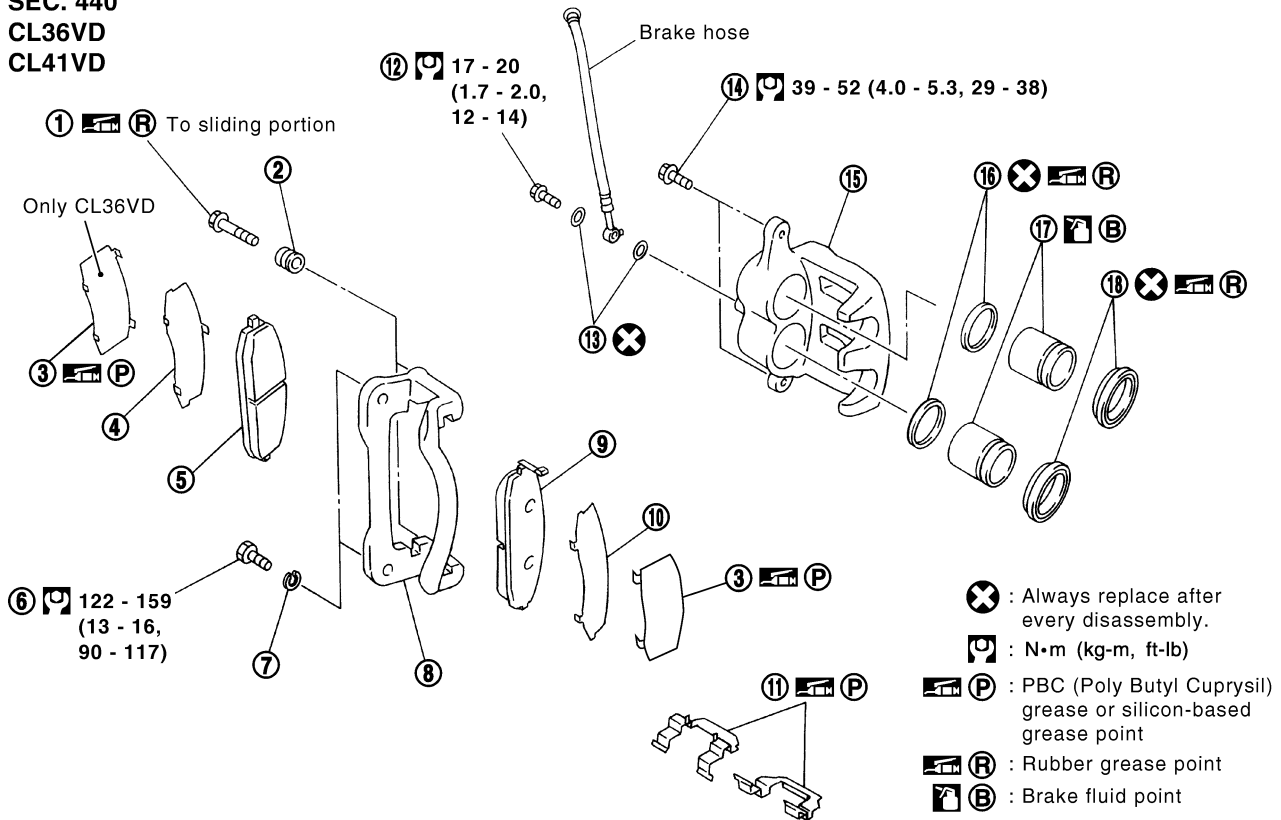
- Front disc brake and rear disc brake have been changed.
- Parking brake has been changed.
- Wiring Diagrams have been changed.
- Service data and specification (SDS) have been changed.

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FRONT DISC BRAKE

SEC. 440 CL36VD CL41VD



SBR235F

- ① Main pin
- ② Pin boot
- ③ Shim cover
- ④ Inner shim
- ⑤ Inner pad
- ⑥ Torque member fixing bolt

- ⑦ Washer
- ⑧ Torque member
- ⑨ Outer pad
- ⑩ Outer shim
- ⑪ Pad retainer
- ⑫ Connecting bolt

- ⑬ Copper washer
- ⑭ Main pin bolt
- ⑮ Cylinder body
- ⑯ Piston seal
- ⑰ Piston
- ⑱ Piston boot

REAR DISC BRAKE

SEC. 441

CL18V

CL20V

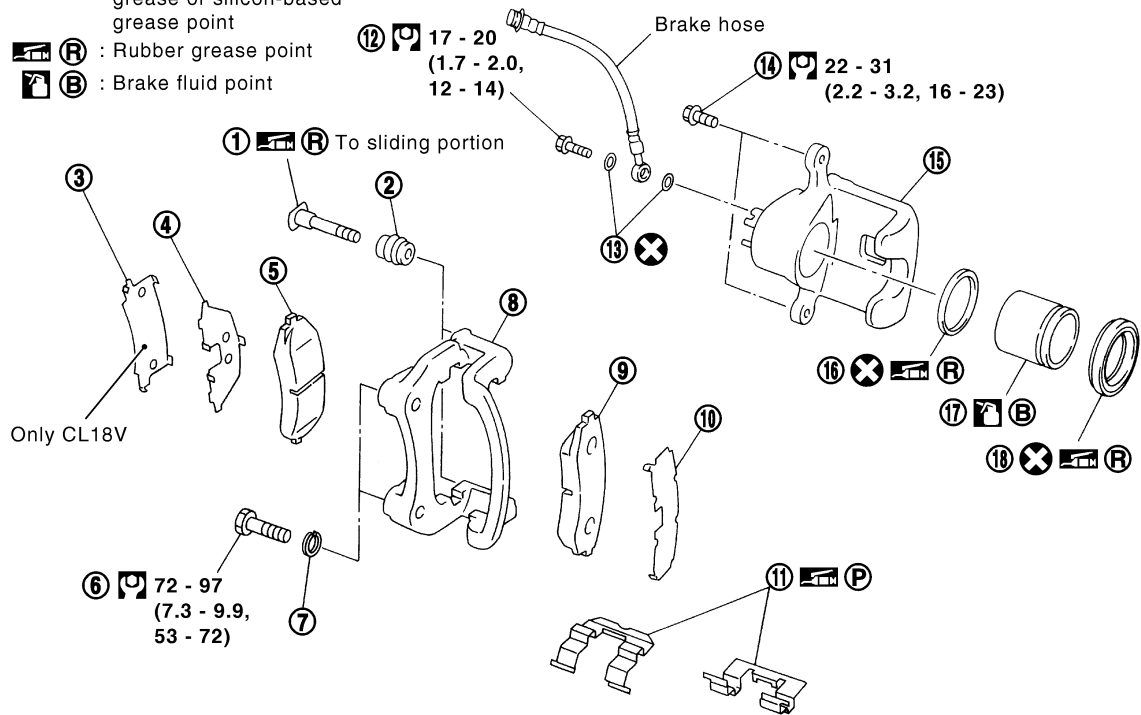
✕ : Always replace after every disassembly.

Ⓜ : N•m (kg-m, ft-lb)

Ⓟ : PBC (Poly Butyl Cuprysil) grease or silicon-based grease point

Ⓡ : Rubber grease point

Ⓡ : Brake fluid point



SBR236F

- ① Main pin
- ② Pin boot
- ③ Shim cover
- ④ Inner shim
- ⑤ Inner pad
- ⑥ Torque member fixing bolt

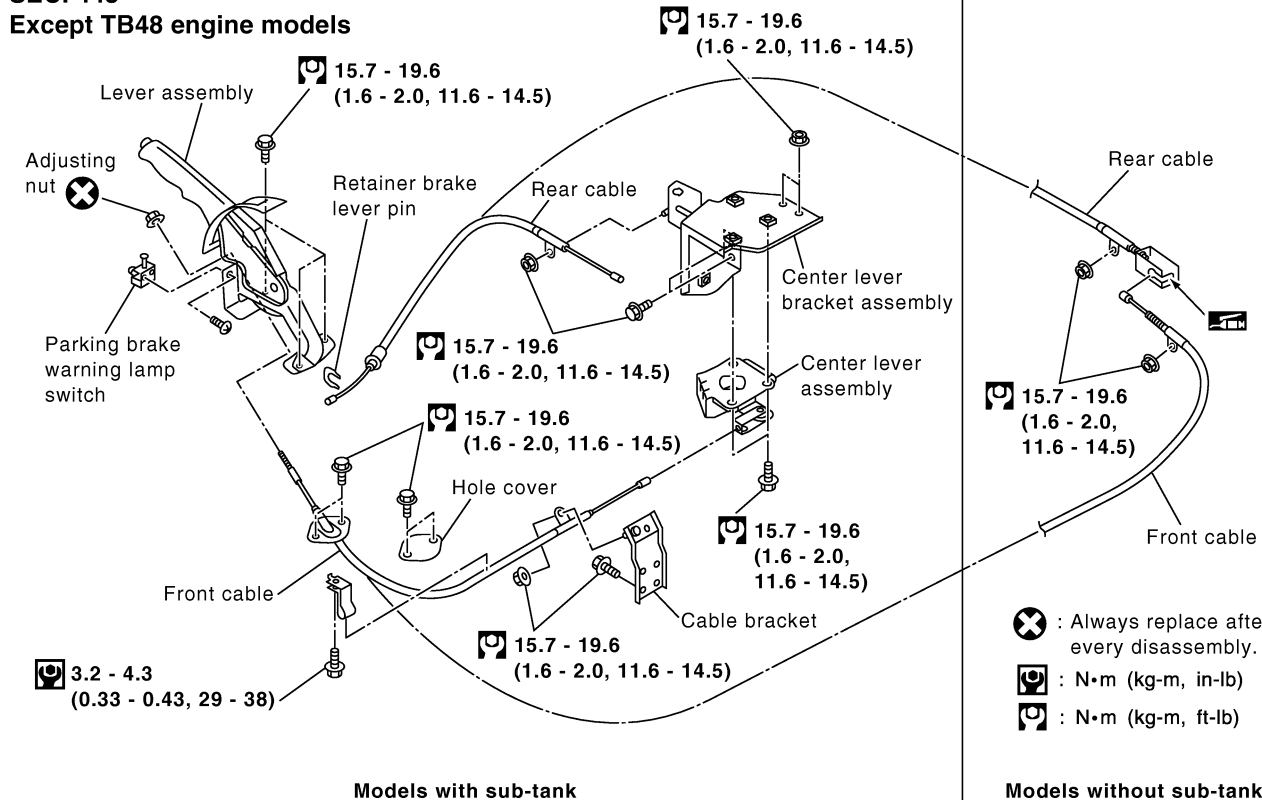
- ⑦ Washer
- ⑧ Torque member
- ⑨ Outer pad
- ⑩ Outer shim
- ⑪ Pad retainer
- ⑫ Connecting bolt

- ⑬ Copper washer
- ⑭ Main pin bolt
- ⑮ Cylinder body
- ⑯ Piston seal
- ⑰ Piston
- ⑱ Piston boot

PARKING BRAKE CONTROL

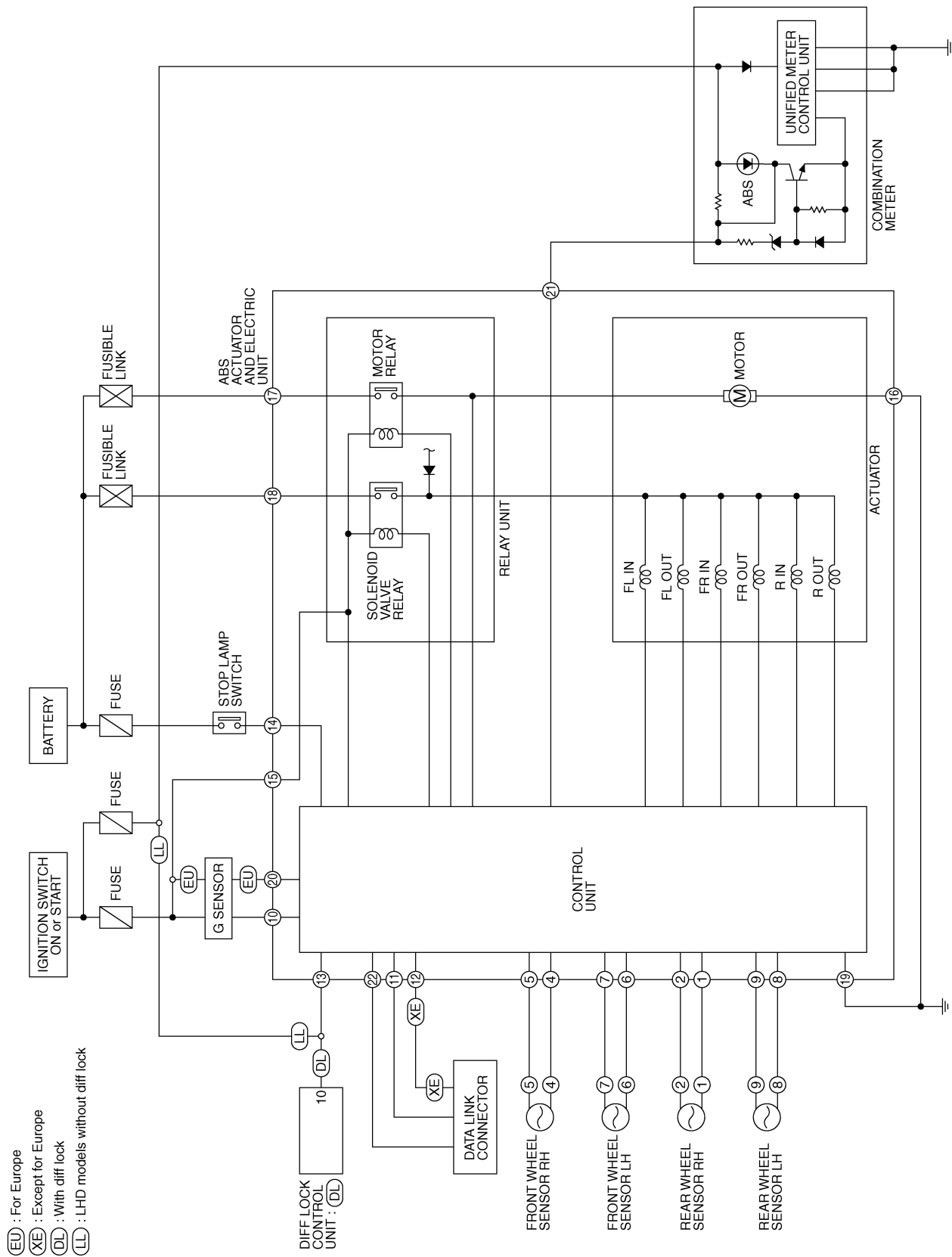
SEC. 443

Except TB48 engine models



SBR241F

Schematic

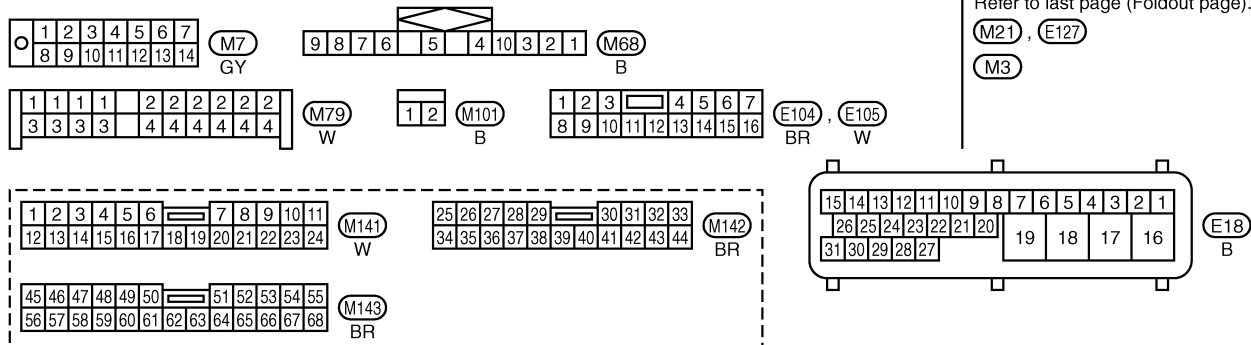
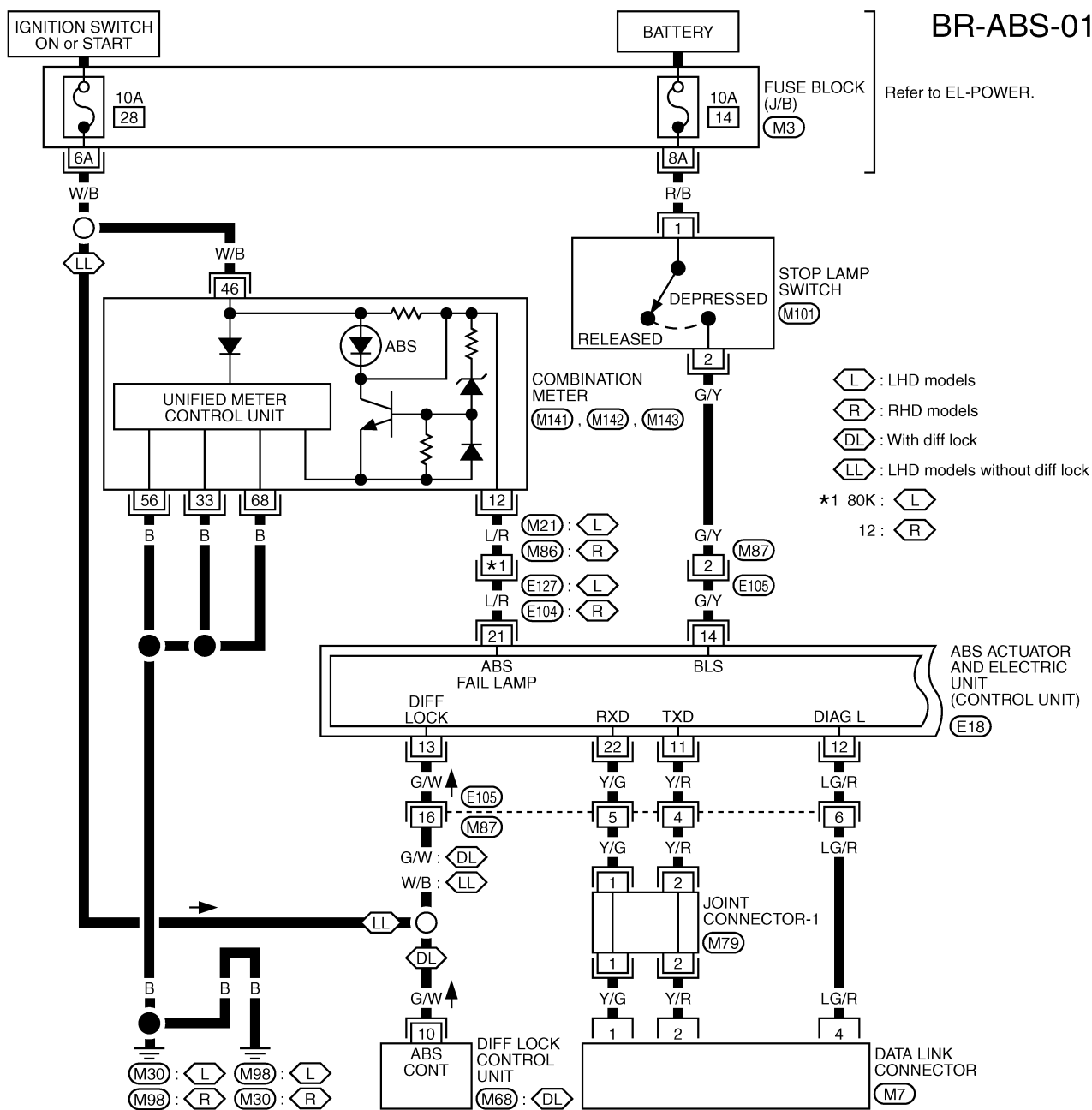


TROUBLE DIAGNOSES

Wiring Diagram — ABS —

BR-ABS-01

Refer to EL-POWER.

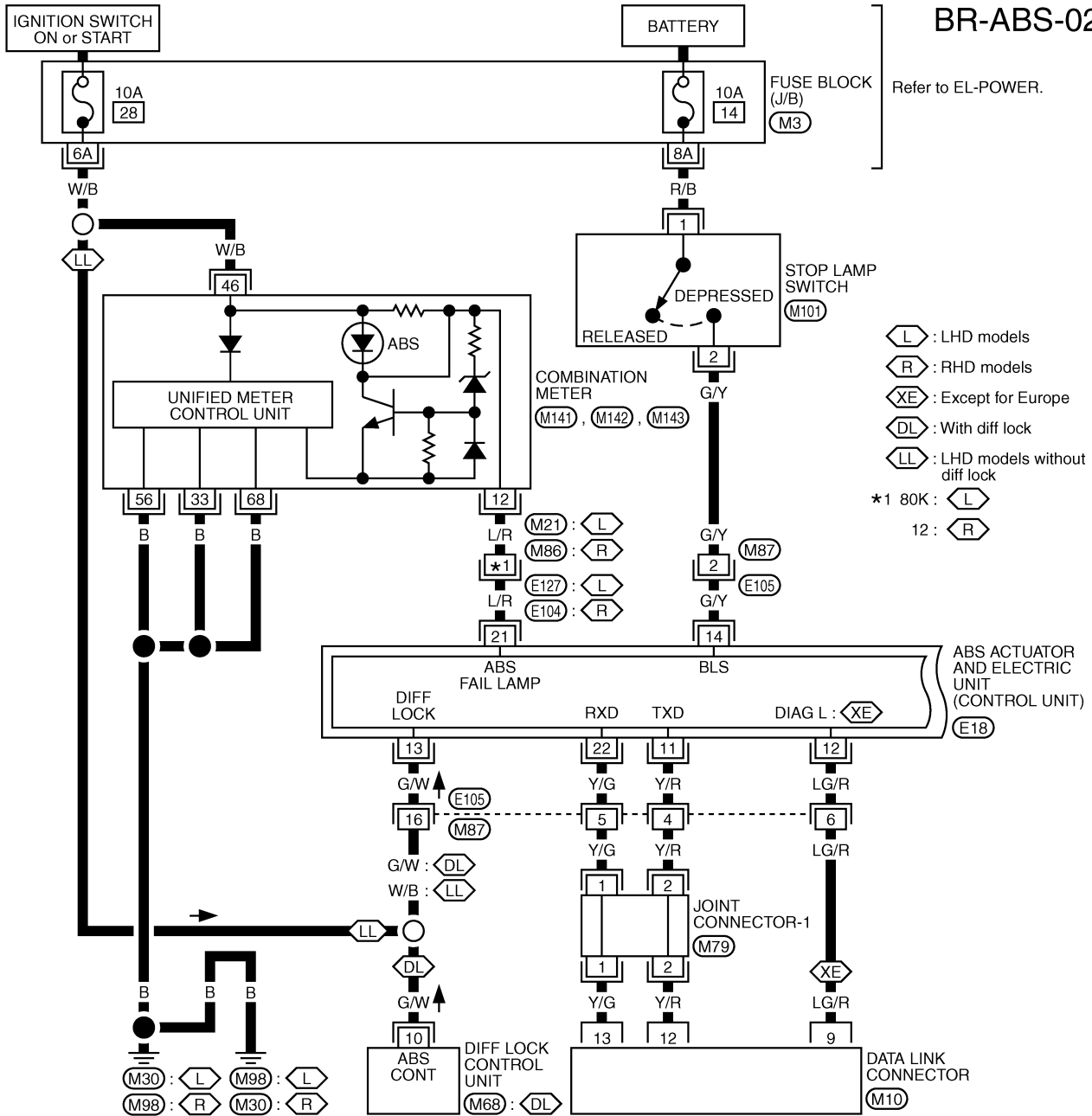


TROUBLE DIAGNOSES

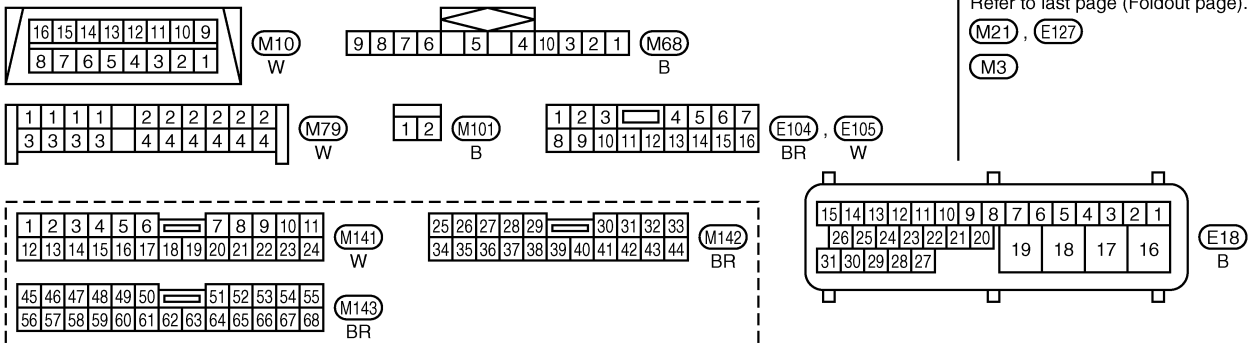
Wiring Diagram — ABS — (Cont'd)

BR-ABS-02

Refer to EL-POWER.



- ⬡ : LHD models
- ⬡ : RHD models
- ⬡ : Except for Europe
- ⬡ : With diff lock
- ⬡ : LHD models without diff lock
- *1 80K : ⬡
- 12 : ⬡



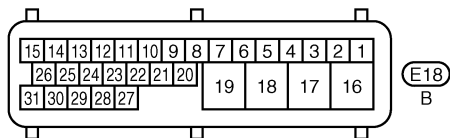
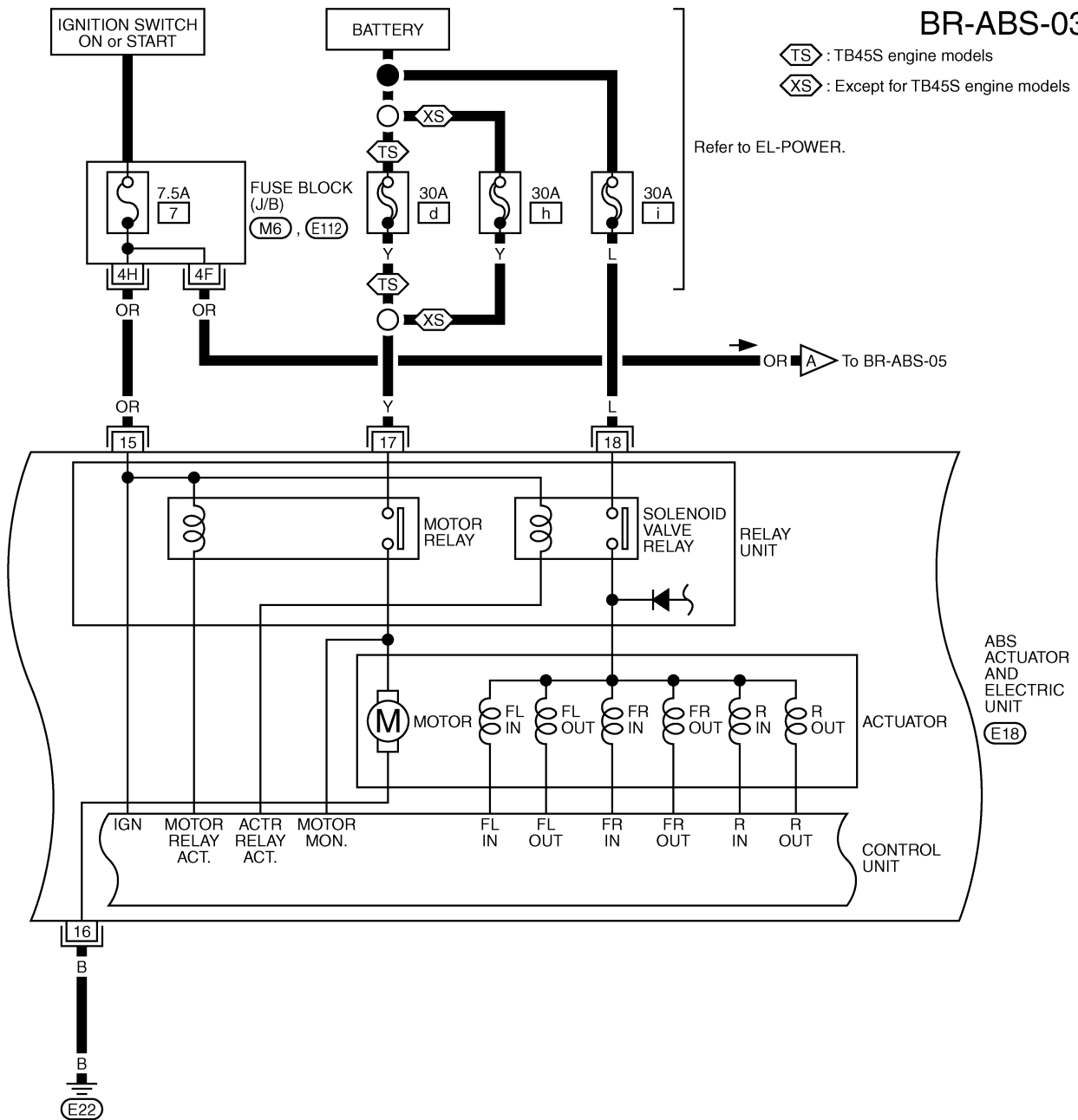
Wiring Diagram — ABS — (Cont'd)

BR-ABS-03

 : TB45S engine models

 XS : Except for TB45S engine models

Refer to EL-POWER.



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M6

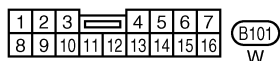
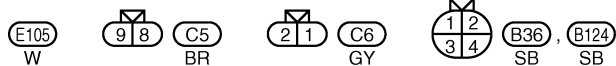
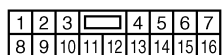
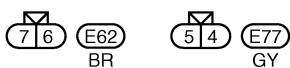
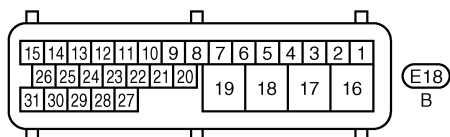
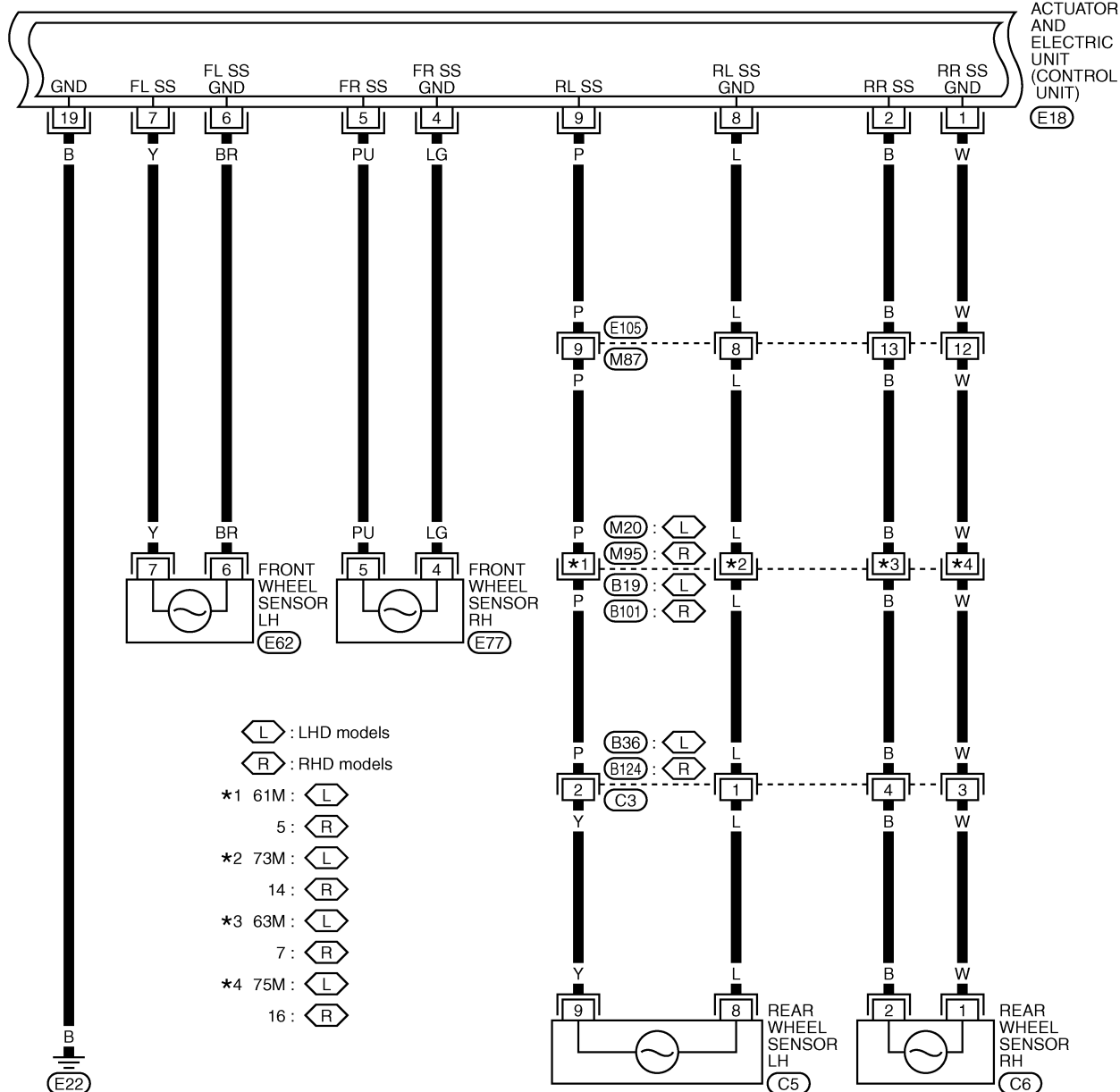
E112

TROUBLE DIAGNOSES

Wiring Diagram — ABS — (Cont'd)

BR-ABS-04

ABS
ACTUATOR
AND
ELECTRIC
UNIT
(CONTROL
UNIT)
(E18)

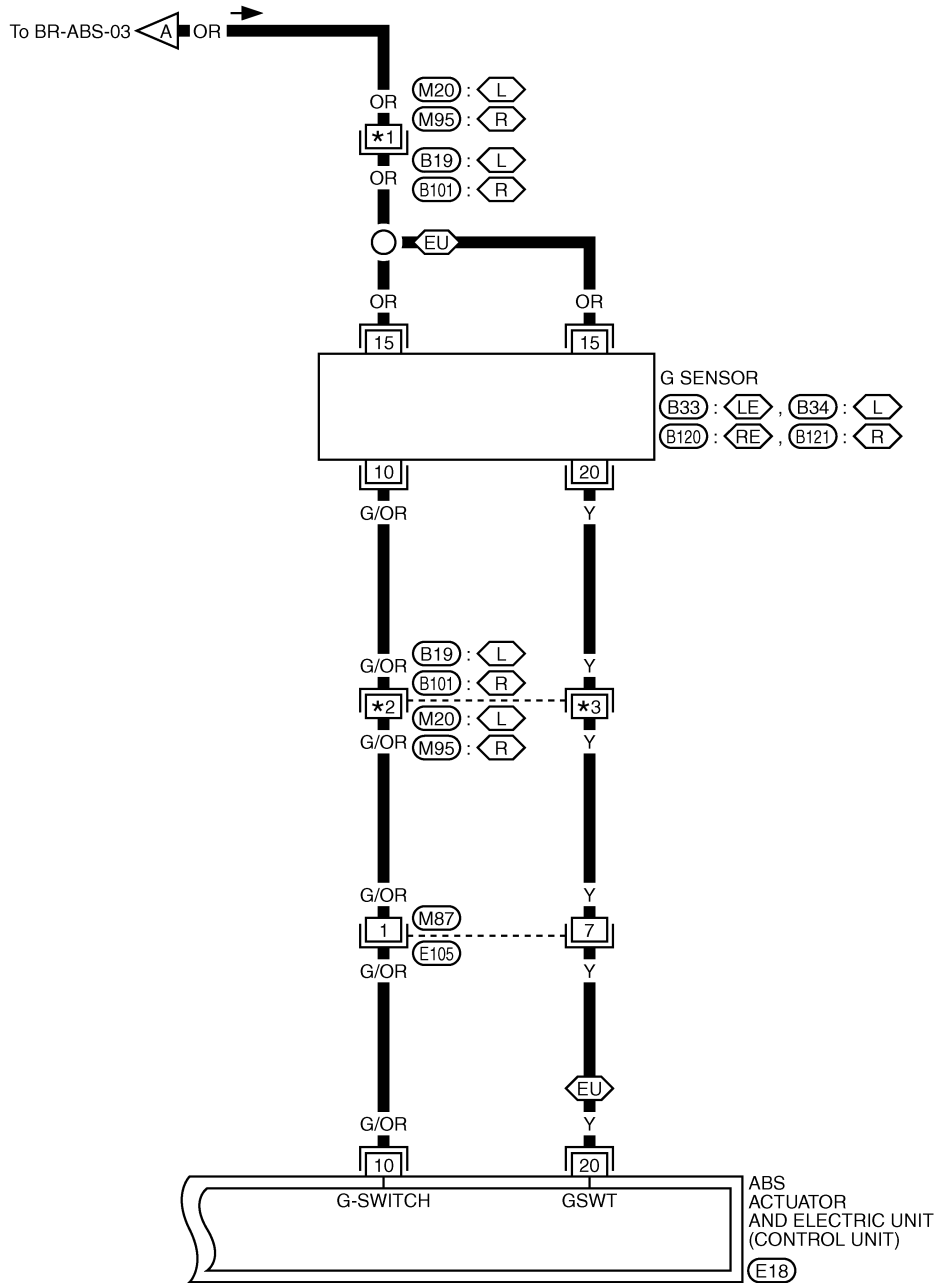


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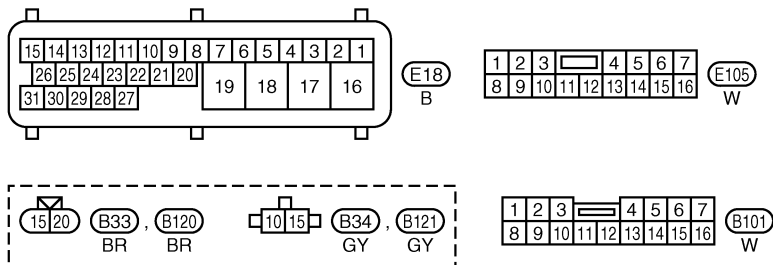
(M20), (B19)

Wiring Diagram — ABS — (Cont'd)

BR-ABS-05



-  : LHD models
 : RHD models
 : For Europe
 : LHD models for Europe
 : RHD models for Europe
- *1 78M : 
 11 : 
 *2 76M : 
 13 : 
 *3 77M : 
 12 : 



Refer to last page (Foldout page).

(M20), (B19)

SERVICE DATA AND SPECIFICATIONS (SDS)

General Specifications

Body	Wagon/Hardtop	
Applied model	ZD30 engine	
	Standard	Option*
Front brake	CL36VE disc brake	
Type	CL36VE disc brake	
Cylinder bore diameter mm (in)	48.1 (1.894) x 2	
Pad dimension Length x width x thickness mm (in)	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	CL18VF disc brake	LT30 drum brake
Type	CL18VF disc brake	LT30 drum brake
Cylinder bore diameter mm (in)	48.1 (1.894)	25.4 (1.00)
Lining or pad dimension Length x width x thickness mm (in)	111 x 41.8 x 10 (4.37 x 1.646 x 0.39)	296 x 50 x 6.1 (11.65 x 1.97 x 0.240)
Drum inner diameter mm (in)	—	295 (11.61)
Rotor outer diameter x thickness mm (in)	316 x 18 (12.44 x 0.71)	—
Brake booster	235T	
Model	235T	
Diaphragm diameter mm (in)	Primary: 252 (9.92) Secondary: 230 (9.06)	
Master cylinder bore diameter mm (in)	26.9 (17/16)	
Control valve	LSV	
Type	LSV	
Split point x reducing ratio kPa (bar, kg/cm ² , psi)	(Variable) x 0.3	(Variable) x 0.15
Recommended brake fluid	DOT 3 or DOT 4	

*: When ABS, diff. lock or rear disc brake is fitted as an option.

SERVICE DATA AND SPECIFICATIONS (SDS)
General Specifications (Cont'd)
