BRAKE SYSTEM

SECTION BR

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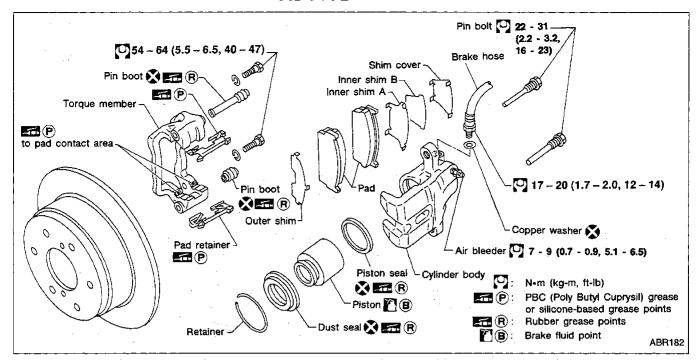
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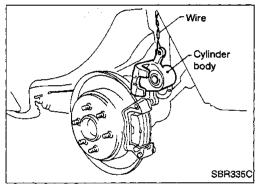
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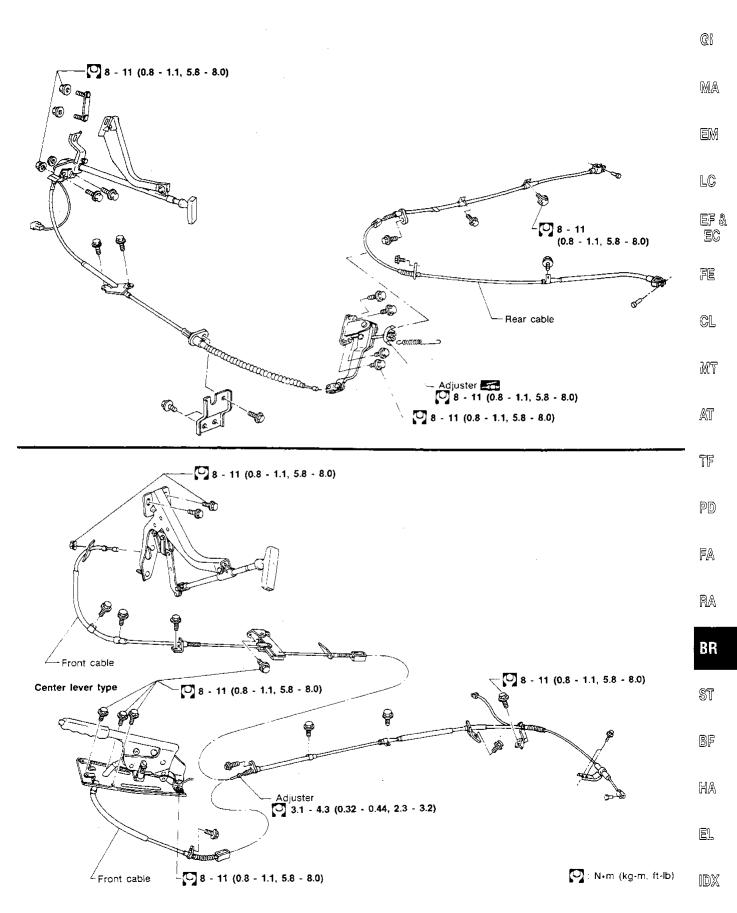
Pad Replacement

- 1. Remove guide pin.
- 2. Swing cylinder body upward. Then remove pad retainer and inner and outer shims.

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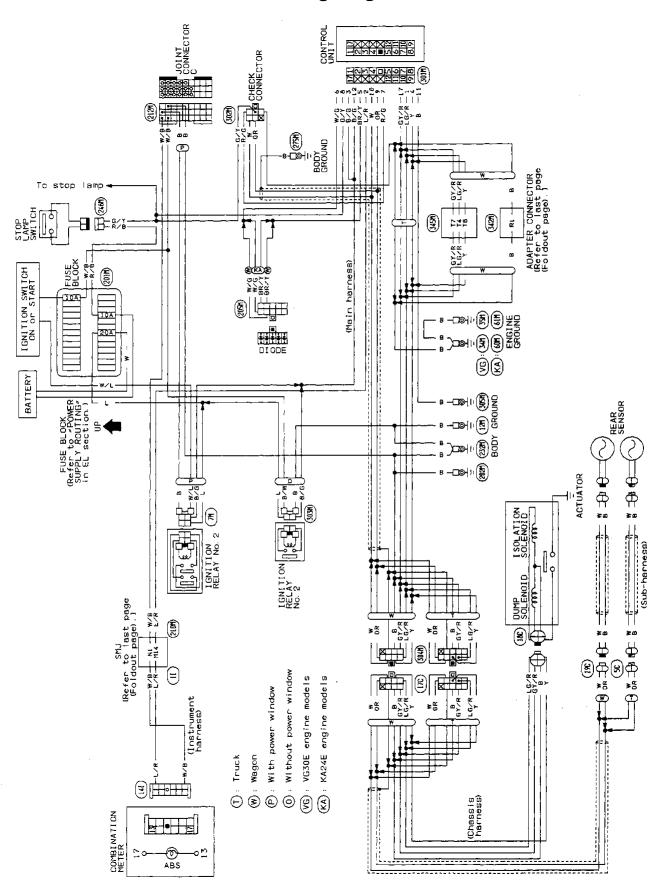
- When cylinder body is swung up, do not depress brake pedal because piston will pop out.
- Be careful not to damage dust seal or get oil on rotor.
 Always replace shims when replacing pads.

PARKING BRAKE CONTROL



ABR180

Wiring Diagram



REAR WHEEL ANTI-LOCK BRAKE SYSTEM

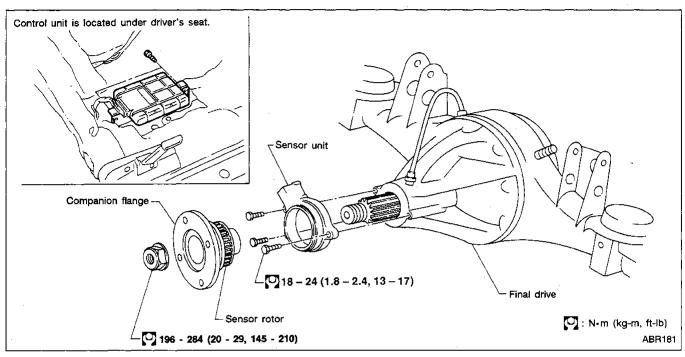
Removal and Installation

CAUTION:

Be careful not to damage sensor edge and sensor rotor (3) teeth.

In case the final drive assembly needs to be removed, disconnect the ABS sensor from the assembly and move it away. Failure to do so may result in damage to the sensor wires making the sensor inoperative.

REAR SENSOR AND CONTROL UNIT



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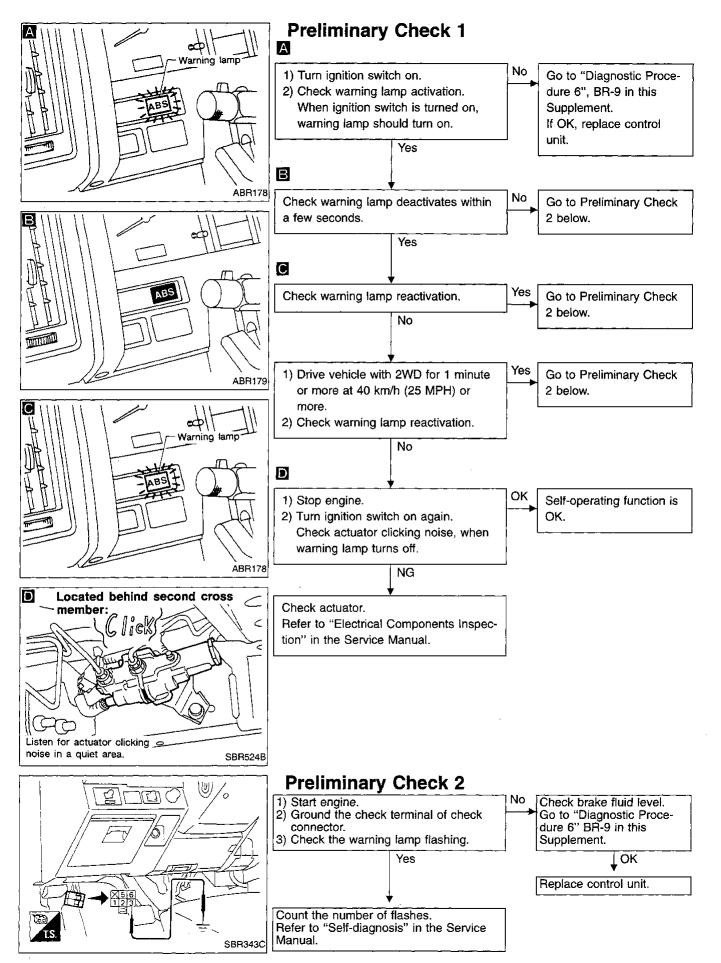
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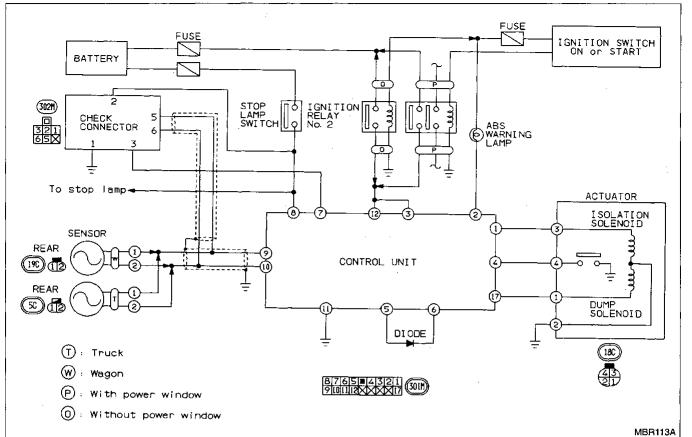
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TROUBLE DIAGNOSES

Circuit Diagram for Quick Pinpoint Check



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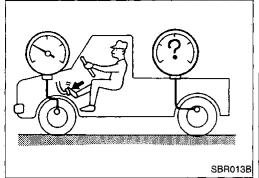
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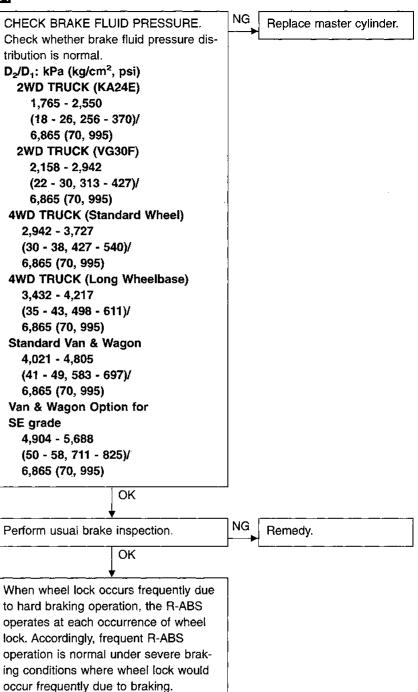


Bear brake fluid bressure

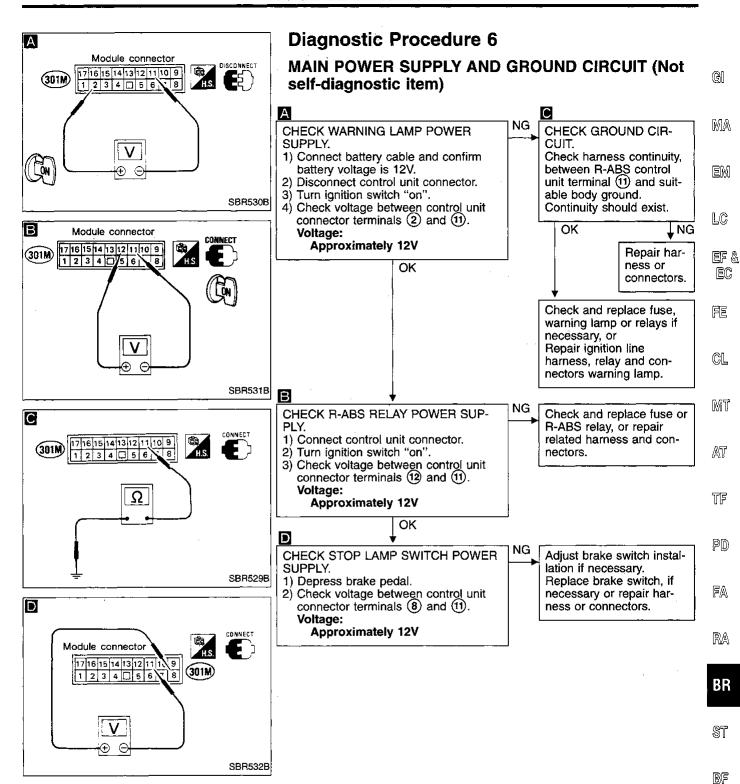
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Diagnostic Procedure 5 SYMPTOM: R-ABS works frequently.

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SERVICE DATA AND SPECIFICATIONS (SDS)

General Specifications

		Truck				Pathfinder		
Applied model	2WD		4WD		Ctondord	Option for SE		
	KA24E	VG30E	Standard	Long	Standard	grade		
Front brake								
Brake model	CL28VA	CL28VD						
Cylinder bore diameter x number of pistons mm (in)	60.6 (2.386) x 1	42.8 (1.685) x 2						
Pad length x width x thickness mm (in)	IN: 126.5 x 43 x 11 (4.98 x 1.69 x 0.43) OUT: 129 x 43 x 11 (5.08 x 1.69 x 0.43)	146.6 X 48.5 X 10 (5.77 X 1.909 X 0.39)						
Rotor outer diameter x thickness mm (in)	250 x 22 (9.84 x 0.87)	260 x 26 (10.24 x 1.02)	277 x 26 (10.91 x 1.02)			· · ·		
Rear brake								
Brake model	LT26	В	LT30A		LT26B	AD14VB		
Cylinder bore diameter x number of pistons mm (in)	22.22 (7/8)	20.64 (13/16)		42.83 (1.6862)			
Lining or pad length x width x thickness mm (in)	249.6 x 50.5 x 5.5 (9.83 x 1.99 x 0.217)		(11.	50 x 6.1 65 x 0.240)	249.6 x 50 x 5.5 (9.83 x 1.97 x 0.217)	99.8 x 33.5 x 10.0 (3.929 x 1.319 x 0.394)		
Drum inner diameter or rotor outer diameter x thickness mm (in)	260.0 (10.24)		295.0 (11.61)		260.0 (10.24)	286 x 18 (11.26 x 0.71)		
Parking brake					<u> </u>			
Brake model			_			DS19HB		
Lining length x width x thickness mm (in)	-					182.3 x 30 x 3 (7.18 x 1.18 x 0.12)		
Drum inner diameter mm (in)	- 190.0 (7.48)							
Master cylinder								
Bore diameter mm (in)	25.40 (1)							
Control valve Valve model	Linkage type load sensing valve		Proportioning valve within master cy			rlinder		
Split point [kPa (kg/cm², psi)] x reducing ratio	(Variab x 0.2		2,452 (25, 356) x 0.2	2,942 (30, 427) x 0.2	2,452 (25, 356) x 0.2	3,923 (40, 569) x 0.4		
Brake booster								
Booster model	M195T	M215T						
Diaphragm diameter mm (in)	Pri.: 205 (8.07) Sec.: 180 (7.09)	Pri.: 230 (9.06) Sec.: 205 (8.07)						
Recommended brake fluid	DOT 3							