

OVERHAUL (Continued)

3. Visually check caliper. If caliper housing is leaking, it should be replaced. If a seal is leaking, caliper must be disassembled and new seals and dust boot installed. If a piston is seized in the bore, a new caliper housing is required. Care must be taken while removing plastic piston.

SPECIFICATIONS

FRONT DISC BRAKE DIMENSIONS

Component	Specification
Lining Material	B x D7800E ABEX 91646-Q B Non-SHO, Police
Lining Size Inner and Outer	144mm x 46mm x 9.7mm (5.7 x 1.8 x 0.38 inch) 144mm x 46mm x 10mm (5.7 inches x 1.8 inches x .3 inches) SHO Vehicles Only
Lining Wear Limit (from shoe surface)	3.175mm (0.125 inch)
Caliper Cylinder Bore Diameter	66mm (2.598 inch)
Front Rotor Nominal Thickness	26.0mm (1.024 inches)
Front Rotor Minimum Thickness ¹	24.75mm (0.974 inch)
Front Rotor Diameter	258.0mm (10.16 inches)
Front Rotor Allowable Runout On Vehicle	0.076mm max. (0.003 inch)
Front Rotor Finish	0.40-3.2 micro-meters (10-80 micro-meters)
Front Rotor Thickness Variation	0.013mm max. (0.0005 inch)

1 Minimum safe thickness is shown on each rotor.

BRAKE HYDRAULIC SYSTEM TORQUE SPECIFICATIONS

Component	N-m	Lb-Ft
Caliper Bleeder Screw	8-20	6-15
Caliper Locating Pin	24-34	18-25
Brake Hose Connection to Caliper	41-54	30-40
Hydraulic Tube Connections—	15-20	11-15
Wheel Nuts	115-142	85-105
Hub Nut	230-275	170-202

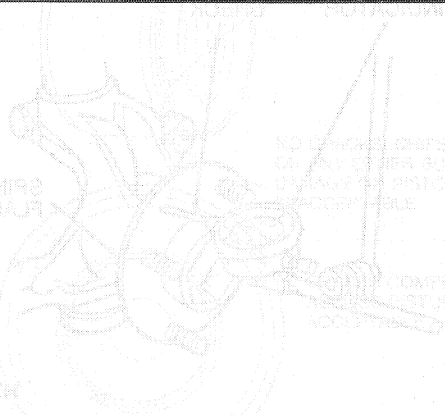
All hydraulic lines must be tightened to the specific torque value and be free of fluid leakage.

SPECIAL SERVICE TOOLS

Tool Number	Description
D79P-2100-T40	Torx® Drive Bit
D80L-1013-A	3-Jaw Puller
D80L-23200-A	Heavy Duty Riveter
TOOL-7000-DE	Air Nozzle Assembly

ROTUNDA EQUIPMENT

Model	Description
054-00080	Disc Brake Lathe



Rotor Machining

NOTE: Always use a dial indicator to check rotor runout. The dial indicator should be centered on the rotating surface. Torque rotor while measuring runout. It must be possible to rotate the rotor in either direction. If runout is excessive, the rotor must be machined. Do not use a lathe to machine the rotor. The rotor may be damaged if it is not properly supported. Always use a dial indicator to check rotor runout.