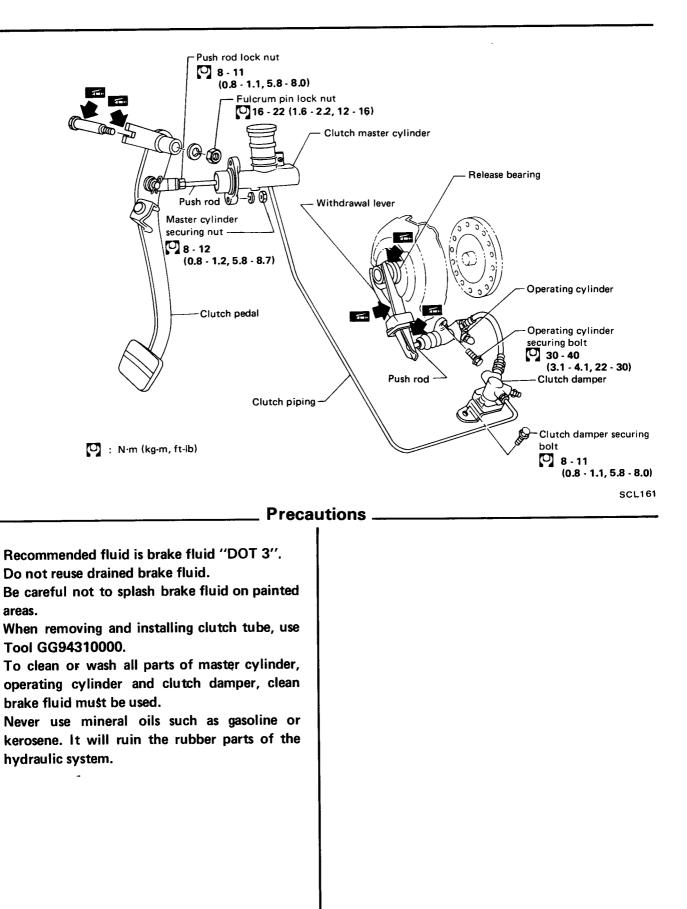
CLUTCH SECTION CL

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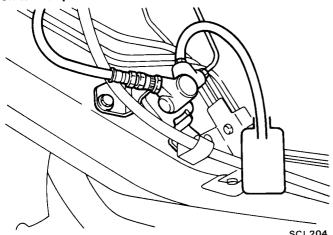
CL



Bleeding Procedure_

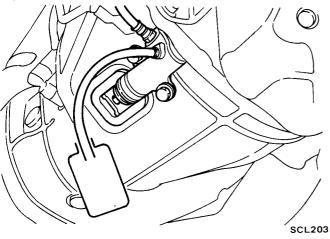
- Carefully monitor fluid level at master cylinder during bleeding operation.
- Bleed air according to the following procedure. Clutch damper → Operating cylinder
- 1. Top up reservoir with recommended brake fluid.
- 2. Connect a transparent vinyl tube to air bleeder valve.

Clutch damper



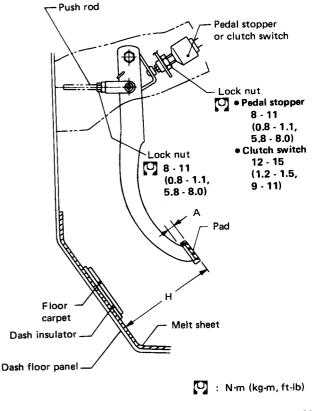
SCL204

Operating cylinder



- 3. Fully depress clutch pedal several times.
- 4. With clutch pedal depressed, open bleeder valve to release air.
- 5. Close bleeder valve.
- 6. Repeat steps 3 through 5 above until brake fluid comes out of air bleeder valve without air bubbles.

Adjusting Clutch Pedal _

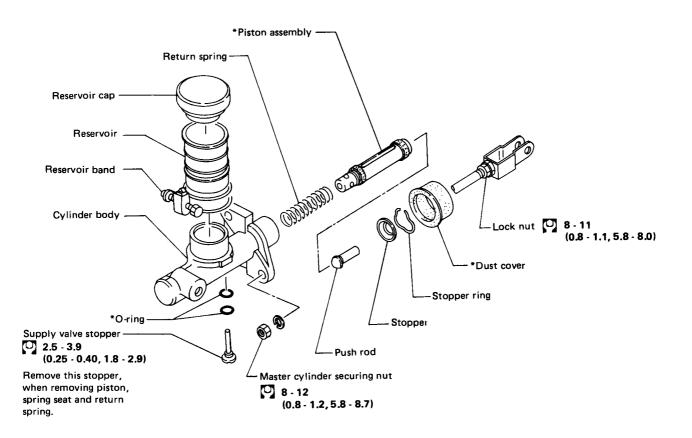


SCL162

Pedal height "H" 195 - 205 mm (7.68 - 8.07 in) Pedal free play "A" 1 - 3 mm (0.04 - 0.12 in)

- 1. Adjust pedal height with pedal stopper or clutch switch.
- 2. Adjust pedal free play with push rod.

_ Clutch Master Cylinder_



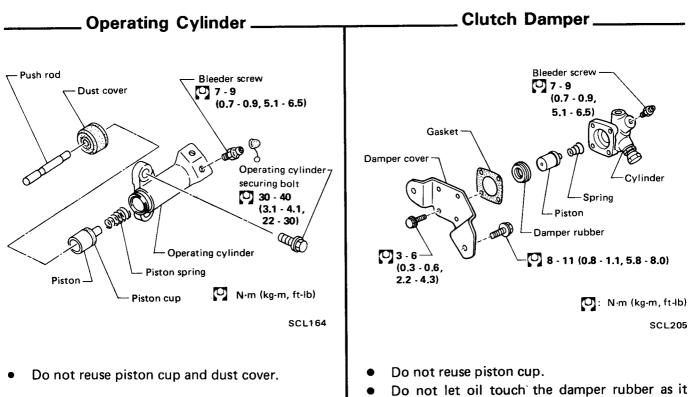
* Always replace when disassembled.
N·m (kg-m, ft-lb)

SCL163

INSPECTION

Check parts for wear or damage. Replace component if any wear or damage is found.

.

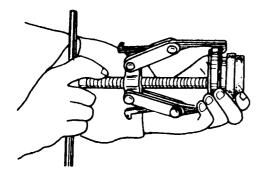


will ruin the rubber.

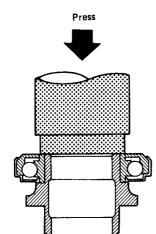
CLUTCH CONTROL - Release Bearing

_Release Bearing_____

REMOVAL AND INSTALLATION



CL145

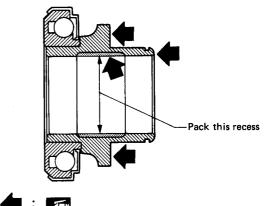


SCL166

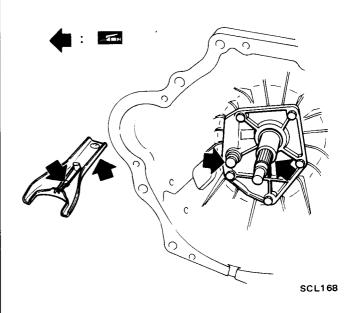
LUBRICATION

• Apply recommended grease to contact surface and sliding surface.

Too much lubricant might cause clutch disc facing damage.

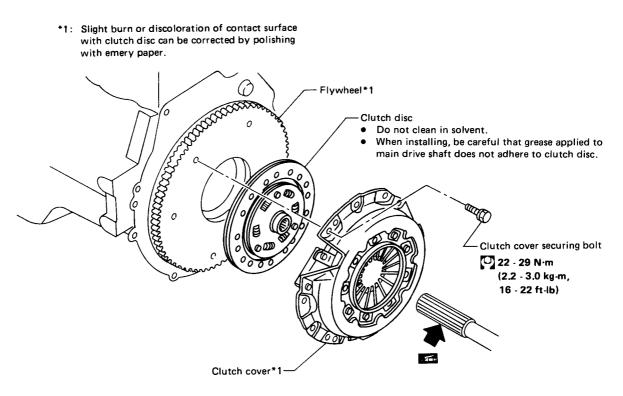






CLUTCH UNIT

Clutch Unit_

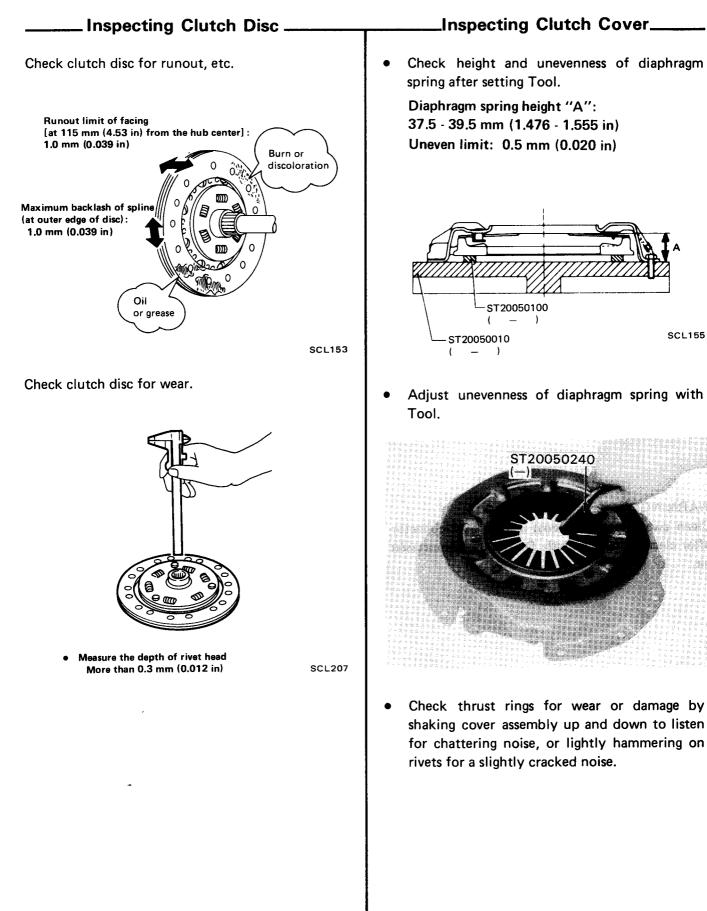


SCL206

WARNING:

Clean away clutch disc dust using a dust collector after cleaning with a cloth. Do not use compressed air.

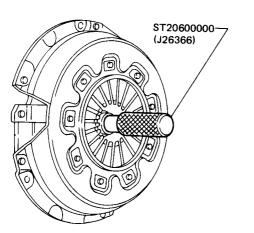
CLUTCH UNIT



CLUTCH UNIT

Installing Clutch Cover_

• Insert Tool into clutch disc hub when installing clutch cover and disc.



SCL208

SERVICE DATA AND SPECIFICATIONS (S.D.S.)

General Specifications _____

CLUTCH CONTROL SYSTEM

Type of clutch control

Hydraulic

CLUTCH MASTER CYLINDER

Inner diameter

15.87 (5/8)

CLUTCH OPERATING CYLINDER

mm (in)

Inner diameter	mm (in)	19.05 (3/4)		
CLUTCH DIS	С			
Model		240TBL		
Facing size Outer dia. x inner dia. x thickness mm (in)		240 x 160 x 3.5 (9.45 x 6.30 x 0.138)		
Thickness of disc a With load 5,884 (600 kg, 1,323	N	7.8 - 8.2 (0.307 - 0.323)		

CLUTCH COVER

Model		C240S
Full load VG30E engine	N (kg, lb)	5,688 (580, 1,279)
VG30ET engine		5,884 (600, 1,323)

_Inspection and Adjustment _____

CLUTCH PEDAL

	Unit: mm (in)	
Pedal height "H"	195 - 205 (7.68 - 8.07)	
Pedal free play "A"	1 - 3 (0.04 - 0.12)	

CLUTCH DISC

Unit: mm (in)

Model	240TBL
Wear limit of facing surface to rivet head	0.3 (0.012)
Runout limit	1.0 (0.039)
Distance of runout checkpoint (from the hub center)	115 (4.53)
Maximum backlash of spline (at outer edge of disc)	1.0 (0.039)

CLUTCH COVER

Unit: mm (in)

Model	C240S	
Diaphragm spring height	37.5 - 39.5 (1.476 - 1.555)	
Uneven limit of diaphragm spring toe height	0.5 (0.020)	

SERVICE DATA AND SPECIFICATIONS (S.D.S.)

_ Tightening Torque _____

Unit	N∙m	kg-m	ft-lb
Pedal stopper lock nut	8 - 11	0.8 - 1.1	5.8 - 8.0
Clutch switch lock nut	12 - 15	1.2 - 1.5	9 - 11
Fulcrum pin securing nut	16 - 22	1.6 - 2.2	12 - 16
Master cylinder push rod lock nut	8 - 11	0.8 - 1.1	5.8 - 8.0
Master cylinder securing nut	8 - 12	0.8 - 1.2	5.8 - 8.7
Supply valve stopper	2.5 - 3.9	0.25 - 0.40	1.8 - 2.9
Operating cylinder securing bolt	30 - 40	3.1 - 4.1	22 - 30
Bleeder screw	7 - 9	0.7 - 0.9	5.1 - 6.5
Clutch damper securing bolt	8 - 11	0.8 - 1.1	5.8 - 8.0
Damper cover to cylinder	3 - 6	0.3 - 0.6	2.2 - 4.3
Clutch tube flare nut	15 - 18	1.5 - 1.8	11 - 13
Clutch hose to operating cylinder and clutch damper securing nut	17 - 20	1.7 - 2.0	12 - 14
Clutch cover securing bolt	22 - 29	2.2 - 3.0	16 - 22

SPECIAL SERVICE TOOLS

Tool number (Kent-Moore No.)	Tool name	
ST20600000 (J26366)	Clutch aligning bar	
ST20050100 (_)	Distance piece	
ST20050010 (_)	Base plate	
ST20050240 (_)	Diaphragm spring adjusting wrench	
GG94310000 (_)	Flare nut torque wrench	