

SECTION CL

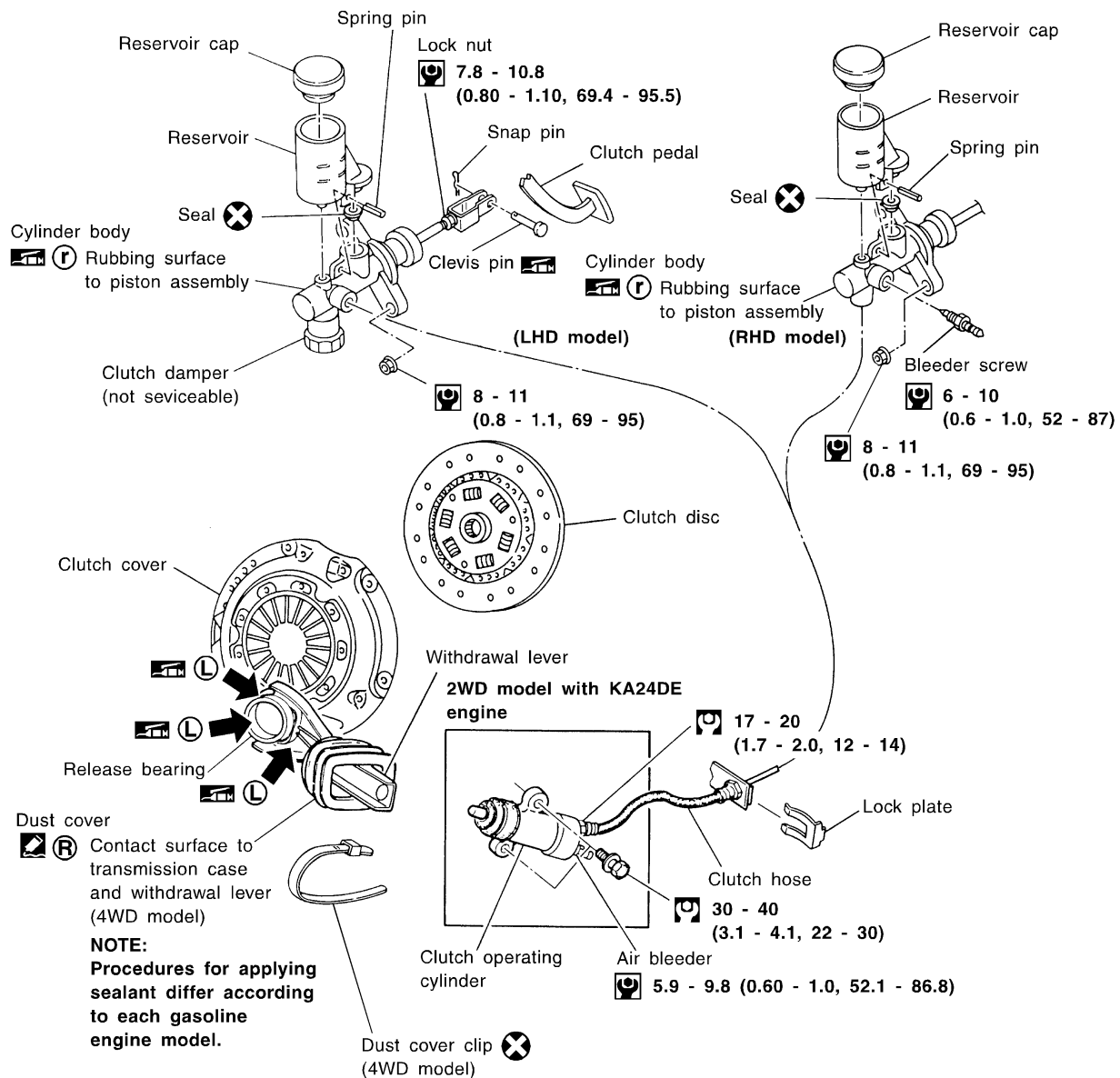
MODIFICATION NOTICE:

- The VG30E engine with FS5R30A has been added on 2/4WD models for Australia.
- The sealant application between the withdrawal lever and dust cover for 4WD gasoline engine models has been changed.

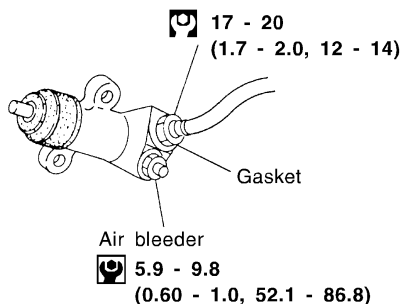
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CLUTCH SYSTEM

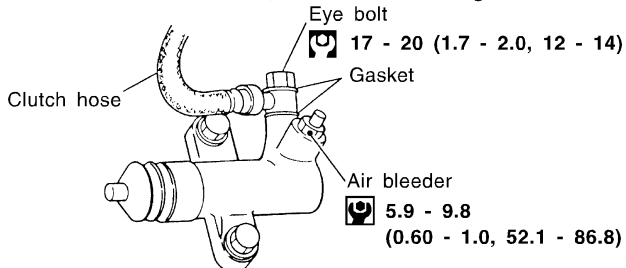


2WD model with TD27 engine



2WD model with VG30E engine

4WD model with KA24DE, VG30E & QD32 engine



: N·m (kg-m, ft-lb)
 : N·m (kg-m, in-lb)

(R) : Apply recommended sealant, Nissan genuine part: KP115-00100, Three Bond TB1212 or equivalent.

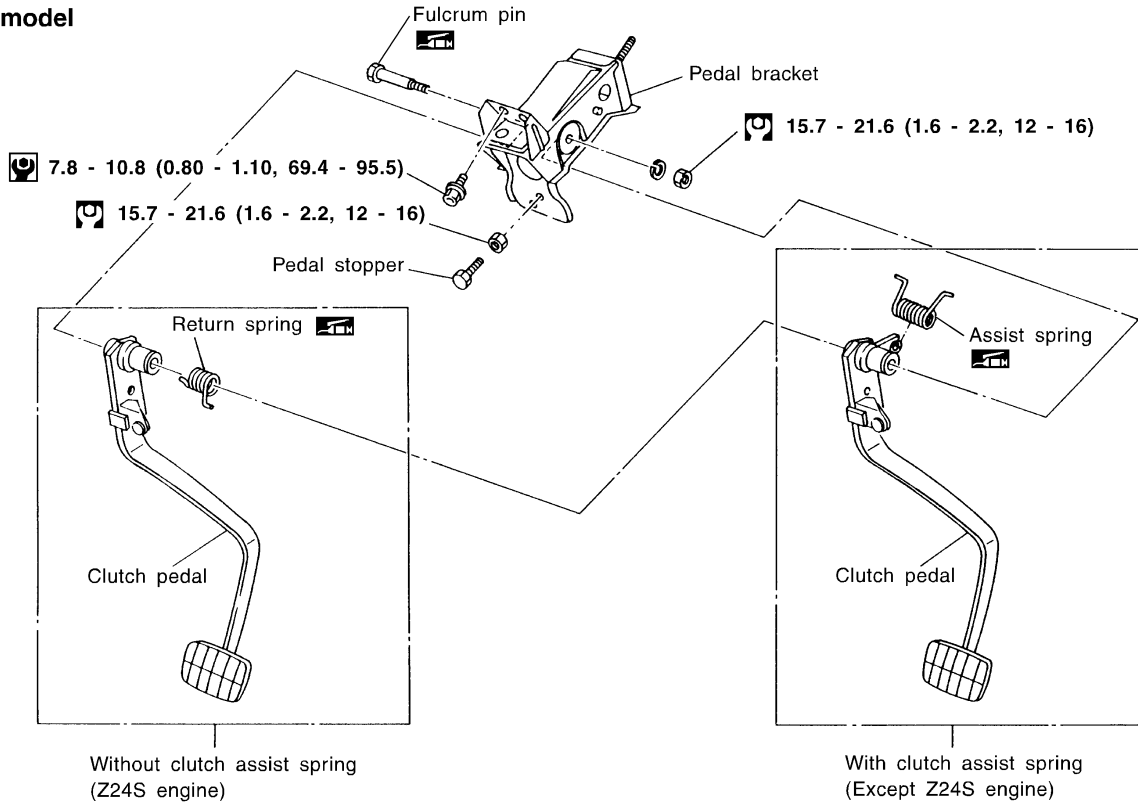
(L) : Apply lithium-based grease including molybdenum disulphide.

(F) : Apply rubber lubricant.

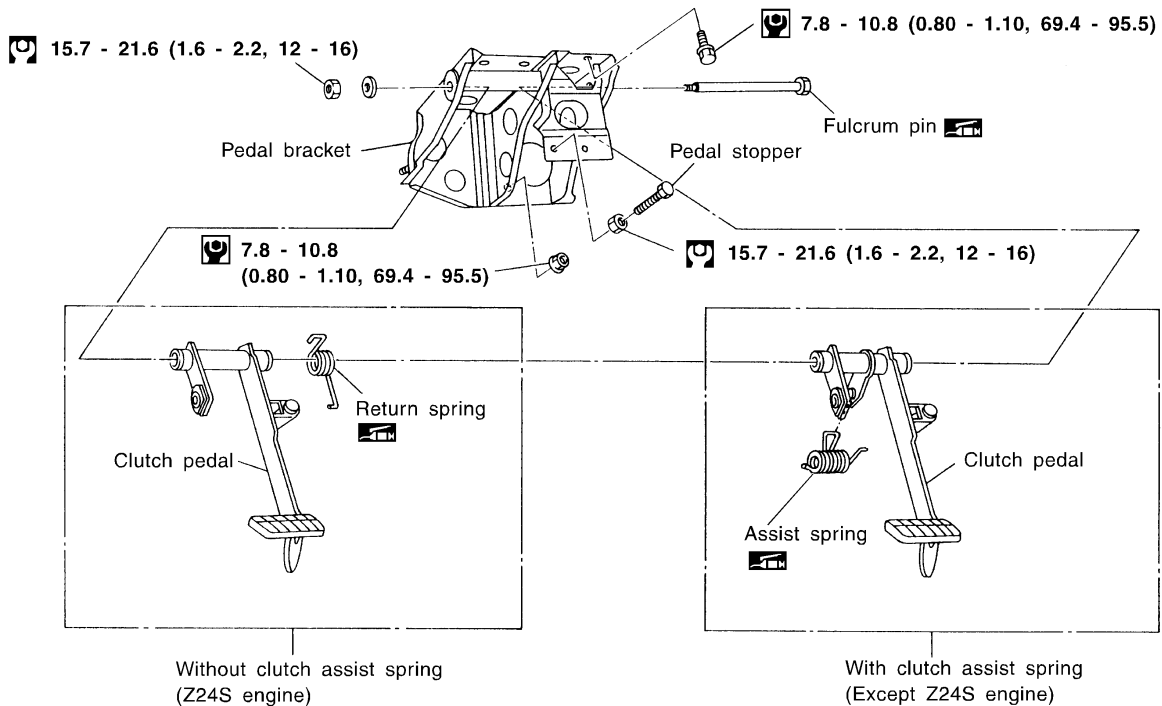
CLUTCH SYSTEM

Clutch Pedal

LHD model



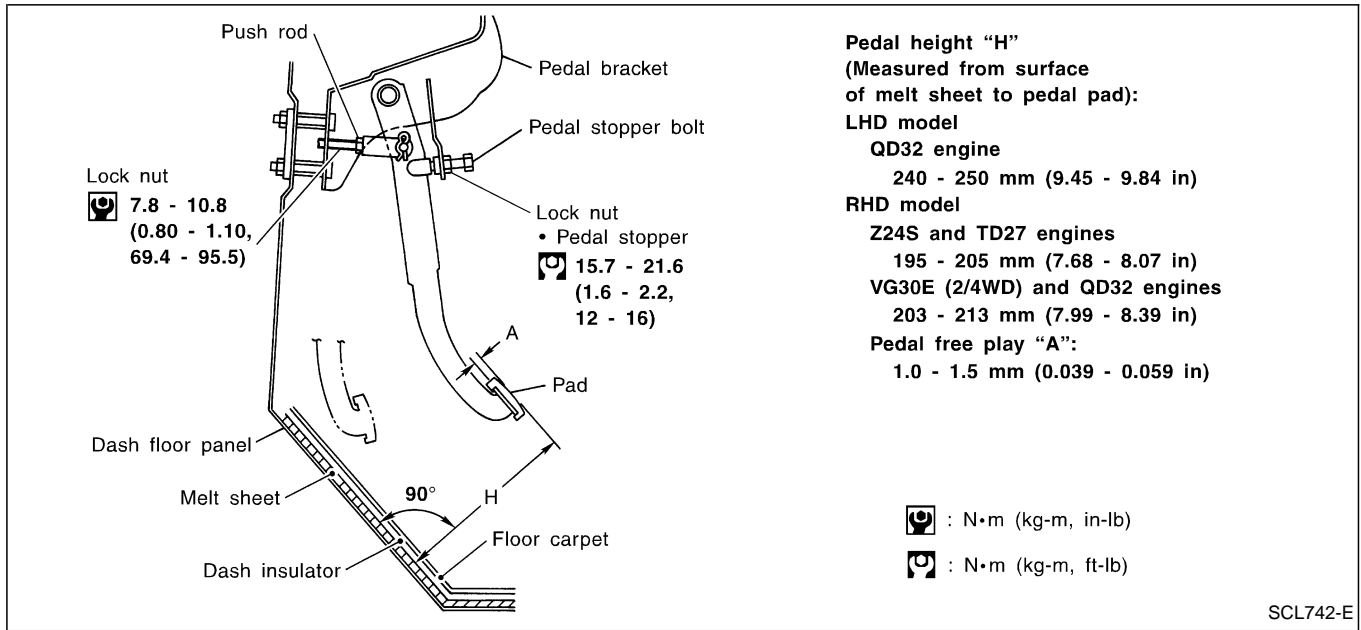
RHD model



: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

Adjusting Clutch Pedal



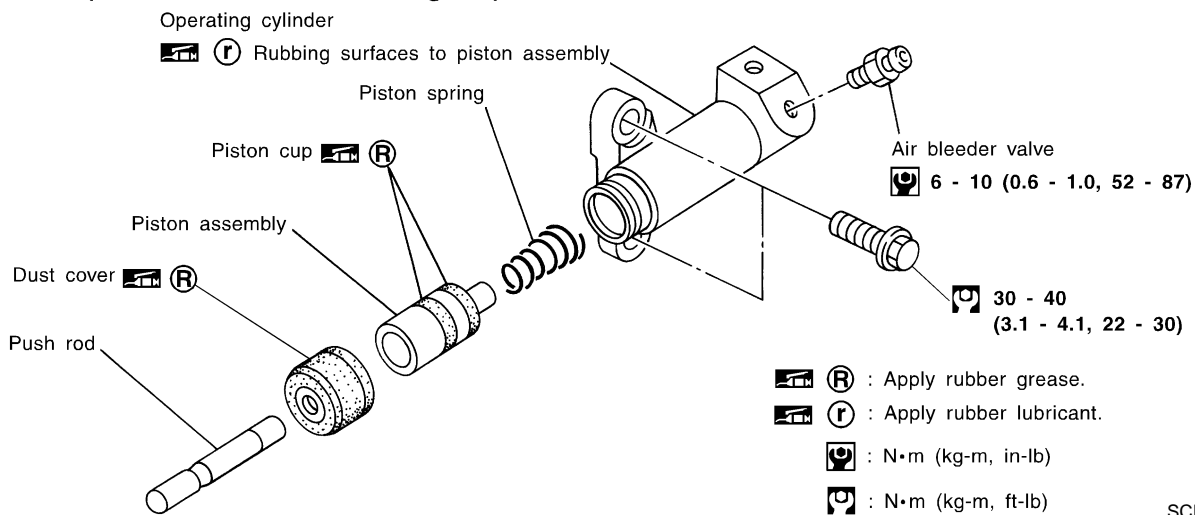
SCL742-E

Operating Cylinder

SEC. 306

2WD models with VG30E engine

4WD models (KA24DE, VG30E & QD32 engines)



SCL746-D

GI

MA

EM

LC

EC

FE

CL

MT

AT

TF

PD

FA

RA

BR

ST

RS

BT

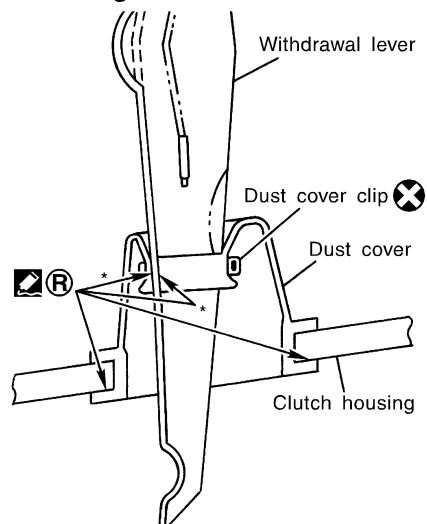
HA


EL

IDX

CLUTCH RELEASE MECHANISM

Gasoline engine models



 : Apply recommended sealant.

NOTE: Only for VG30E engine models,
also apply sealant to areas indicated
by the arrows with asterisks(*).

SCL872

WATERPROOF — for 4WD model

- Apply recommended sealant to contact surface of transmission case dust cover and withdrawal lever, then install dust cover clip.

Recommended sealant: Nissan genuine part (KP115-00100) or equivalent.

SERVICE DATA AND SPECIFICATIONS (SDS)

General Specifications

CLUTCH DISC

Model	240	250
Engine	KA24DE, Z24S	VG30E (2/4WD)
Facing size mm (in) (Outer dia. x inner dia. x thickness)	—	250 x 160 x 3.5 (9.84 x 6.30 x 0.138)
Thickness of disc assembly With load mm (in)	8.1 (0.319) With 4,904 N (500 kg, 1,103 lb)	7.9 - 8.3 (0.311 - 0.327) With 5,884 N (600 kg, 1,323 lb)

CLUTCH COVER

Model	240		250	
Engine	KA24DE		VG30E	
Axle	2WD	4WD	2WD	4WD
Full load N (kg, lb)	4,903 (500, 1,103)	4,659 (475, 1,047)	4,903 (500, 1,103)	

Inspection and Adjustment

CLUTCH PEDAL

Unit: mm (in)	
Pedal height "H"	
LHD model	
QD32 engine model	240 - 250 (9.45 - 9.84)
RHD model	
Z24S and TD27 engine models	195 - 205 (7.68 - 8.07)
VG30E (2/4WD) and QD32 engine models	203 - 213 (7.99 - 8.39)

*: Measured from surface of melt sheet to pedal pad

CLUTCH COVER

Unit: mm (in)			
Model	240	250	
Engine model	KA24DE	VG30E (2/4WD)	QD32
Diaphragm spring height	—	36.5 - 38.5 (1.437 - 1.516)	37.5 - 39.5 (1.476 - 1.555)
Uneven limit of diaphragm spring toe height	0.7 (0.028)	0.5 (0.020)	—

CLUTCH DISC

Unit: mm (in)	
Model	250
Engine model	VG30E (2/4WD)
Wear limit of facing surface to rivet head	0.3 (0.012) or more
Runout limit of facing	1.0 (0.039)
Distance of runout check point (from the hub center)	120 (4.72)
Maximum backlash of spline (at outer edge of disc)	1.0 (0.039)