

CLUTCH

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SECTION **CL**

MODIFICATION NOTICE:

YD25DDTi and ZD30DDT engine models has been added for Australia and General areas.

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SERVICE DATA AND SPECIFICATIONS (SDS)

General Specifications

CLUTCH MASTER CYLINDER

Inner diameter	mm (in)	15.87 (5/8)
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CLUTCH OPERATING CYLINDER

Inner diameter	mm (in)	19.05 (3/4)
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CLUTCH DISC

Model		250
Engine		YD25DDTi, ZD30DDT
Facing size (Outer dia. x inner dia. x thick- ness)	mm (in)	250 x 160 x 3.5 (9.84 x 6.30 x 0.138)
Thickness of disc assembly With load	mm (in)	7.85 - 8.35 (0.3091 - 0.3287) With 7,360 N (751 kg, 1,655 lb)

CLUTCH COVER

Model		250
Engine		YD25DDTi ZD30DDT
Full load	N (kg, lb)	7,360 (751, 1,655)

Inspection and Adjustment

CLUTCH PEDAL

Unit: mm (in)

Pedal height "H"		
RHD model		
YD25DDTi engine model		203 - 213
ZD30DDT engine model		(7.99 - 8.39)
LHD model		
YD25DDTi engine model		237 - 247
ZD30DDT engine model		(9.33 - 9.72)
Pedal free play (at clevis pin)		1 - 1.5 (0.039 - 0.059)

*: Measured from surface of melt sheet to pedal pad

CLUTCH DISC

Unit: mm (in)

Mode		250
Engine model		YD25DDTi, ZD30DDT
Wear limit of facing surface to rivet head		0.3 (0.012)
Runout limit of facing		0.7 (0.028)
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)

CLUTCH COVER

Unit: mm (in)

Model		250
Engine model		YD25DDTi, ZD30DDT
Diaphragm spring height		39.5 - 41.5 (1.555 - 1.634)
Uneven limit of diaphragm spring toe height		0.7 (0.028)