

Clutch – Group 25

Flywheel

Distance between clutch face and flywheel recess	29 ± 0.1	
Distance between clutch face and flywheel attaching flange	new	overhaul
	12.5	down to 11.5

Clutch Disk

Thickness of clutch disk	released	compressed
	10.3 ⁺ 0.3	9.1 ⁺ 0.3
Permissible wear of total facing thickness	1	
Permissible run-out of clutch disk	0.5	
Free motion torque of clutch disk	12 mkg	
Stop angle of clutch disk	5° 30'	
Friction torque of clutch disk	0.4 - 0.6 mkg	
Permissible unbalance of clutch disk	5 cmg	

Clutch

Thickness of clutch pressure plate				new	overhaul
				15	down to 14
If more than 0.5 mm is removed, precision-ground steel shims of the thickness of the material removed must be placed between clutch springs and spring cups					
Distance between release levers and cover plate when clutch is installed in vehicle				when clutch disk is new	when clutch disk is worn
				17.8	up to 28.8
Clutch Springs					
Color code	Number	External diameter mm	Wire gage mm	Free length mm	Length under final load mm kg
white	9	25.6	3.6	44.5	29.2 45 ⁺ 4
Total spring pressure = contact pressure				410 kg	
Permissible unbalance of clutch				max. 20 cmg	

Clutch Adjustment Data

Clutch pedal free movement	25
Center clutch actuating lever eye to center pedal shaft	45 ± 4
Clearance between release lever and throw-out bearing	2