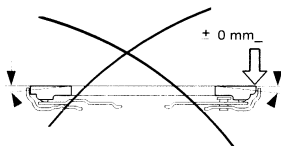
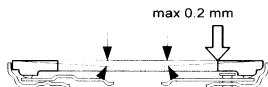


Section 4 Drivetrain

Group 41 Clutch

Technical data

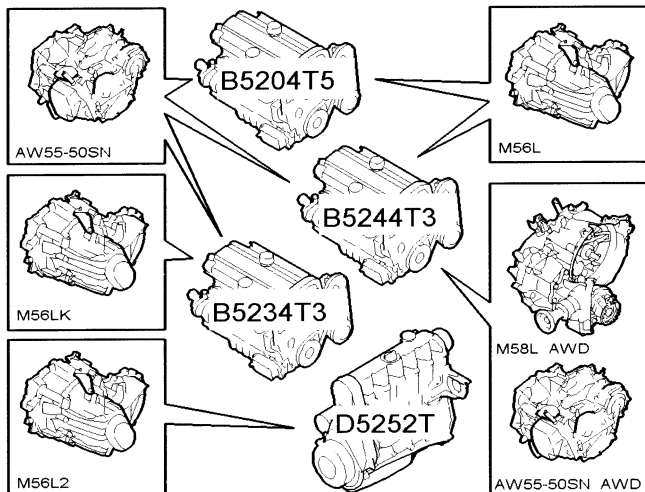
Pressure plate, maximum distortion (see illustration below) . . .	0.2mm/0.008"
Clutch pedal, travel	130mm/5.12"



Tightening torques

Component:		Torque:
Pressure plate, flywheel	Nm/ft.lb.	25/18
Mounting screws, master cylinder	Nm/ft.lb.	25/18
Clutch slave cylinder	Nm/ft.lb.	10/7.5

Group 43 Transmission



2000296n

N2000286

Manual transmissions, gear ratios:

Type of transmission	M56LK	M56L2	M56L	M58L
Gear:				
1st gear	3.38:1	3.38:1	3.38:1	3.38:1
2nd gear	1.90:1	1.90:1	1.90:1	1.90:1
3rd gear	1.19:1	1.19:1	1.19:1	1.19:1
4th gear	0.87:1	0.87:1	0.87:1	0.87:1
5th gear	0.70:1	0.65:1	0.70:1	0.70:1
Reverse gear	3.30:1	3.30:1	3.30:1	3.30:1
Final drive	4.00:1	3.77:1	4.25:1	4.25:1

Tightening torques, manual transmissions

Screwed joint:	Nm/ft.lb.
Starter motor-transmission	40/30
Bell housing-cylinder block:	
Petrol engine M 10 x 40 and M 10 x 70	50/40
Diesel engine M 12 x 50	80/60
Diesel engine M 8 x 40	25/20
Bracket, gear selector	25/20
Gear selector assembly M 8 x 70	25/20
Reversing lamp switch	25/20
Mechanical cable lead-in, firewall M6 nut	6/4
Engine mountings	50/40
Plug for draining / checking oil level	35/26

Automatic transmission, gear ratios

Gear:	AW55-50 (2.44)
1st gear	4.77:1
2nd gear	3:1
3rd gear	2:1
4th gear	1.33:1
5th gear	1.02:1
Reverse gear	3.23:1
Final drive	2.44:1

Gear ratio and P/N for the transmission and control module

Engines:	Final drive	Transmission	Control module
B 5204 T5	2.56:1	12 08 877	94 72 349
B 5234 T3	2.76:1	12 08 925	94 72 349
B 5244 T3	2.44:1	12 08 964	94 42 707

Group 43 Components

Transmission AW55-50SN :

Components must not be replaced.

If defective replace entire transmission. Volvo P/N: 12 08 964

Tightening torques:

Drive plate - torque converter:		
Stage 1	Nm/ft.lb.	20/15
Stage 2	angle-tighten	40°
Transmission:		
Engine	Nm/ft.lb.	50/37
Oil filler pipe, bracket	Nm/ft.lb.	24/18
Transmission cable bracket	Nm/ft.lb.	25/18.5
Coolant pipe nipple	Nm/ft.lb.	30/22