POWER TRANSMISSION, REAR AXLE

CLUTCH

Clutch, type	Single dry plate, diaphragm spring
Size	8½″
Clutch friction area, total	440 cm² (68.2 sq.in.)
Clutch pedal travel LHD	150 mm (6.0″)
RHD	160 mm (6.4″)
Throw-out yoke travel	3 mm (0.12″)

GEARBOX

M 40

Type designation	M 40
Reduction ratios:	
1st speed	3.41:1
2nd speed	1.99:1
3rd speed	1.36:1
4th speed	1:1
Reverse	3.25:1
Lubricant, see under "Lubrication"	
Oil capacity	0.75 cm³ (1.3 Imp. pints = 1.6 US pints)

Tightening torque	Nm	Lb ft
Nut for driving flange	95—105	65—75

M 41 (GEARBOX M 40 WITH OVERDRIVE)

Reduction ratio, overdrive	0.797:1
Clearance, piston-cylinder in oil pump	0.005—0.040 mm (0.0002—0.0016″)
Oil pressure, direct drive	approx. 1.5 kp/cm² (21 p s i)
overdrive	32—35 kp/cm² (455—500 p s i)
Lubricant, see under "Lubrication"	
Oil capacity, gearbox and overdrive	1.6 dm³ (2.8 Imp. pints = 3.4 US pints)

TIGHTENING TORQUE

Nut for driving flange	110—140 Nm	80—100 lbft

AUTOMATIC TRANSMISSION

Make and type	Borg-Warner, type 35
Type designation, B 20 A engine	327
B 20 B engine	325
B 20 E engine	321
B 20 F engine	351 H
Colour of type plate, B 20 A engine	Yellow
B 20 B engine	Bright-green
B 20 E engine	Grey
B 20 F engine	Light orange
Reduction ratios:	
1st gear	2.31:1 × Converter ratios
2nd gear	1.45:1 × Converter ratios
3rd gear	1:1 × Converter ratios
Reverse	2.09:1 × Converter ratios
Number of teeth, front sun gear	32
rear sun gear	28
planet gear, short	16
planet gear, long	17
ring gear	67
Size of converter	9½″ (24 cm)
Torque ratio in converter	2:1—1:1
Normal stall speed, B 20 A engine	36.7 r/s (2200 r/m)
B 20 B engine	35.0 r/s (2100 r/m)
B 20 E engine	42.5 r/s (2550 r/m)
B 20 F engine	40.8 r/s (2450 r/m)
Weights total, with fluid	53.1 kg (117 lb)
Fluid, type	Automatic Transmission Fluid, Type F
Fluid capacity	6.4 dm³ (11.4 Imp. pints = 13.5 US pints)
Normal operating temperature of fluid	approx. 212—240° F (110—115° C)