POWER STEERING

Steering wheel diameter	404 mm (15.9″)
No. of steering wheel turns, lock to lock	3.7
Steering gear:	
Make and type	ZF, ball-nut type
Reduction ratio	15.7:1
Bearing for steering spindle:	
Needle diameter, part Nos.: 681348	1.992—1.994 mm (0.0784—0.0785″)
681357	1.994—1.996 mm (0.0785—0.0786″)
681356	1.996—1.998 mm (0.0786—0.0787″)
681355	1.998—2.000 mm (0.0787—0.0790″)
Bearing sleeve, ext. diameter, alt.	28.0 and 28.15 mm (1.10 and 1.11″)
Washer for axial bearing, alt.	1.9—2.4 mm (th.diff. 0.1 mm = 0.039″) /0.075—0.095″
Packing at worm, thickness, alt.	1.7 and 1.8 mm (0.067 and 0.075″)
Balls, piston — worm, No.	23
diameter, alt.	6.989 mm (0.2752″)
	6.996 mm (0.2754″)
	7.000 mm (0.2756″)
	7.008 mm (0.2760″)
	7.012 mm (0.2761″)
Washer for adjuster screw, thickness, alt.	2.15—2.45 mm (0.085—0.096″)/ th.diff. 0.05 mm = 0.002″
Power pump:	
Make and type	ZF, vane type
Max. pressure	75±5 kp/cm² (1066±71 psi)
Theoretical capacity at 83 r/s (500 r/m)	6.65 dm³/min.
Regulated capacity	5—8 dm³/min.
Drive	Belt-driven
Ratio, engine — pump	1:1
Type of oil	Automatic Transmission Fluid, Type A or Dexron
Oil capacity	approx. 1.2 liters (2.1 Imp.pints = 2.5 US pints)

TIGHTENING TORQUES

	Nm	Lb ft
Nut, engine mounting	21—25	15—18
Nut, steering knuckle	70	50
Nut, upper control arm shaft	55—62	40—45
Nut, lower control arm shaft	140—180	100—130
Bolt for upper control arm shaft	55—70	40—50
Nut, upper ball point	85—100	60—70
Nut, lower ball joint	100—120	75—90
Steering wheel nut	28—40	20—30
Mechanical steering:		
Worm, upper cover	17—21	13—15
Power steering:		
Worm, valve housing	34	25
Worm, upper cover	31	22
Nut, adjuster screw	25	18
Nut for pitman arm	170—200	125—145
Attaching nut, steering box and idler arm shaft	35—40	25—30
Locknut for tie rod	75—90	55—65
Nut for steering rod and tie rod M 10	32—37	23—27
3/8—24 UNF	32—37	23—27
7/16—20 UNF	48—62	35—45
Wheel nut	100—140	70—100