

TIGHTENING TORQUES

	Nm	lbf.ft.
General and Manual		
Steering box support bracket to chassis	56	42
Steering box to support bracket	92	68
Drop arm to rocker shaft nut	169	125
Drop arm to side steering rod ball joint	95	70
Side steering rod to upper steering arm ball joint	95	70
Side steering rod clamp nuts	31	23
Steering arm to stub axle	244	180
Swivel pin cap securing nut	9,5	7
Swivel pin cotter	43	32
Track rod ball joint to steering arm	95	70
Track rod clamp nuts	31	23
Steering stop to stub axle	43	32
Universal joint to steering box pinch bolt	26	19
Steering column universal joint pinch bolt	26	19
Steering column clamp plate to cab floor	9,5	7
Steering column top support bracket to pedal bracket	26	19
Steering column to top support bracket	26	19
Steering wheel centre nut	95	70
Road wheel nuts	257	190
Hub cap to hub	9,5	7
Power Steering System		
Power steering pump to adjusting bracket	9,5	7
Power steering pump adjusting bracket to mounting bracket	41	30
Mounting bracket upper to cylinder block	75	55
Mounting bracket lower to cylinder block	38	28
Pump adjusting link to mounting bracket	26	19
Pump adjusting link to water pump housing (RG 225)	41	30
Pump drive pulley bolt	26	19
Pump discharge adaptor	19	14
Drop arm to rocker shaft nut	249	184

DATA

STEERING BOX

Manufacturer	Burman
Type	Recirculating Ball
Model	F2125
Overall Ratio	24,72 : 1
Oil Capacity	600 ml (1 1/8 pints)
Worm shaft bearing pre-load	0,05 mm (0,002 in)
Cross shaft end float adjustment	Adjuster slackened 1/12 of a turn from zero end float

DROP ARM

Material	Carbon Manganese Steel
Length between centres	228,5 mm (8,996 in)
Offset (crank)	36,4 mm (1,433 in)

STEERING WHEEL

Diameter	457 mm (18 in)
Steering wheel travel — lock to lock	4,60 turns

STEERING COLUMN

Manufacturer	Cam Gears or Armstrong
--------------------	------------------------

SIDE STEERING ROD

Length between centres (except RB 75)	388 mm (15,27 in)
RB 75	393 mm (15,47 in)

TRACK ROD

Length between centres	1426 mm (56,14 in)
------------------------------	--------------------

FRONT WHEEL TRACK

Toe-in	3,2 mm (1/8 in)
--------------	-----------------

Model	Camber	Caster (laden)	K.P.I.
All except PAS	1° Pos.	3° 15' Pos.	8°
PAS	1° Pos.	4° 25' Pos.	8°

TURNING CIRCLES						
WHEELBASE	RB 35	RB 46	RB 56	RB 66	RB 75	BETWEEN KERBS OR WALLS
3,23 m	13,34 m	13,30 m	13,28 m	13,28 m	13,31 m	KERBS
	13,96 m	13,96 m	13,96 m	13,96 m	13,96 m	WALLS
3,66 m	15,06 m	15,02 m	15,00 m	15,00 m	15,03 m	KERBS
	15,68 m	15,68 m	15,68 m	15,68 m	15,68 m	WALLS
4,04 m	16,58 m	16,54 m	16,52 m	16,52 m	16,55 m	KERBS
	17,20 m	17,20 m	17,20 m	17,20 m	17,20 m	WALLS

Tolerance for all turning circle figures + 10%, - 0%

POWER ASSISTED STEERING

STEERING BOX

Manufacturer ZF
 Type Integral
 Model 8033
 Overall Ratio (except RB 75) 21,22 : 1
 RB 75 20,35 : 1
 Cross shaft end float adjustment Refer to Sub-section L310

DROP ARM

Material Forged steel
 Length between centres (except RB 75) 197 mm (7,75 in)
 RB 75 205 mm (8,07 in)
 Offset (crank) 25 mm (1,0 in)

STEERING

Data

POWER STEERING PUMP

Manufacturer	Hobourn Eaton
Type	Roller
Model	Series 200
Delivery at 750 r.p.m.	6,82 litres (1,5 gals) per minute at system pressure of 55 to 58 Bar (800 to 850 lbf.in ²)
Controlled flow	12,92 litres (2,8 gals) per minute
Pressure relief valve setting	65 Bar (950 lbf.in ²)
Type of drive (except RB 75 with 6.247 engine)	Belt driven from crankshaft
(RB 75 with 6.247 engine)	Direct coupling from rear of compressor
Drive belt tension	9 mm to 12 mm (3/8 to 1/2 in)
Location of pump (viewed from front of vehicle)	
2 litre	Left side of engine
RG 225	Right side of engine
4.236	Left side of engine
6.246	Left side of engine

STEERING FLUID

Type	Shell A.T.F. or Dexron
System capacity	1,9 litres (3,25 pints)
Filter location	In reservoir

RESERVOIR

Manufacturer	Hobourn Eaton
Location	Mounted on radiator support panel
Capacity	0,7 litres (1,25 pints)

STEERING WHEEL

Diameter	457 mm (18 in)
Turns lock to lock (except RB 75)	4,07
RB 75	3,97