

BMC (AUST.) PTY. LIMITED



SERVICE TRAINING NOTES

ADO.40.

GEARBOX.

TP 660

Type: ADO.40 ("B" Type) Synchro 2nd and Top.

Fitted to: Austin Freeway Models. Wolseley "24/80"

Capacity: 5 Pints S.A.E.30

Ratios:
1st - 3.09 : 1
2nd - 1.62 : 1
Top - 1 : 1
Reverse - 3.67 : 1

1st Motion Shaft Bearing: R & M L \bar{I} 1 $\frac{3}{8}$ G

3rd Motion Shaft Bearing: R & M MJ 1 $\frac{1}{8}$

3rd Motion Shaft Spigot Needle Rollers: R & M Part No. 6K892 Size - 3 M
x 28 M M Number - 18

Spigot Bush Clearance: .004" - .005"

Nip. 1st Motion Shaft Bearing: Add Shims .004 clearance, without gasket.

Shims: .002" (Part No. 6K907)
.004" (Part No. 6K908)

Oil Return Threads, Clearance: .003" - .004" Diametral.

Speedo: Ratio 9/28
End Float - .015" - .025"

Reverse Idler: End Float - .008 minimum.

Layshaft: Bronze Bushes.

Dimensions - Finished Bore - .7519"/.7524"

End Float .003" - .005"

Thrust Washers 3 Sizes in Rear Washer (small)

.1565" - .1575" Part No. 11G 3127

.1585" - .1595" " " 11G 3128

.1605" - .1615" " " 11G 3129

End Float: 2nd Gear, Mainshaft - .002" - .0045"

End Float: 1st Gear, Mainshaft - .002" - .0045"