



GM Locomotive Group

MODERNIZATION RECOMMENDATION M.I. 9645

Rev. A

MODERNIZATION RECOMMENDATION TIMKEN GG BEARING RETROFIT

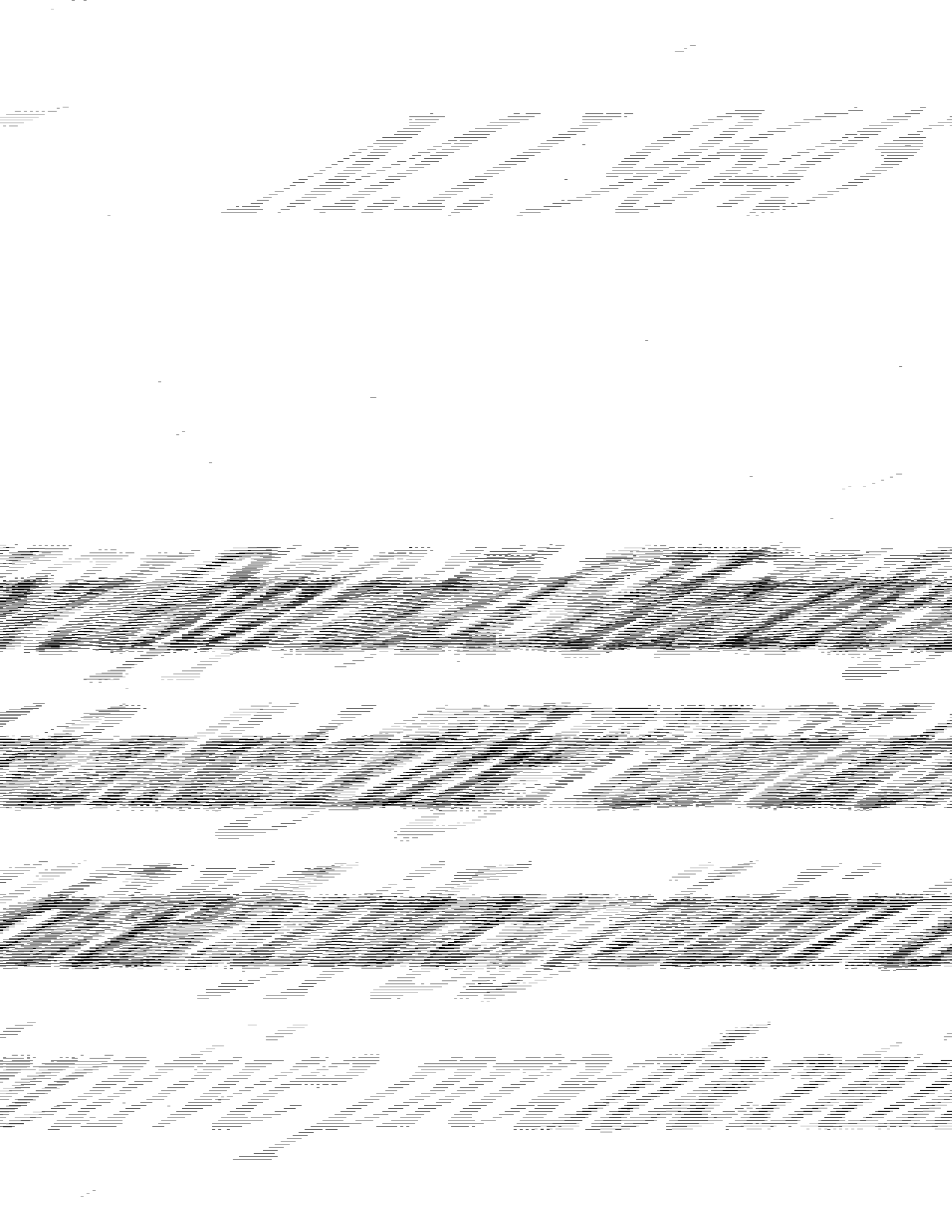
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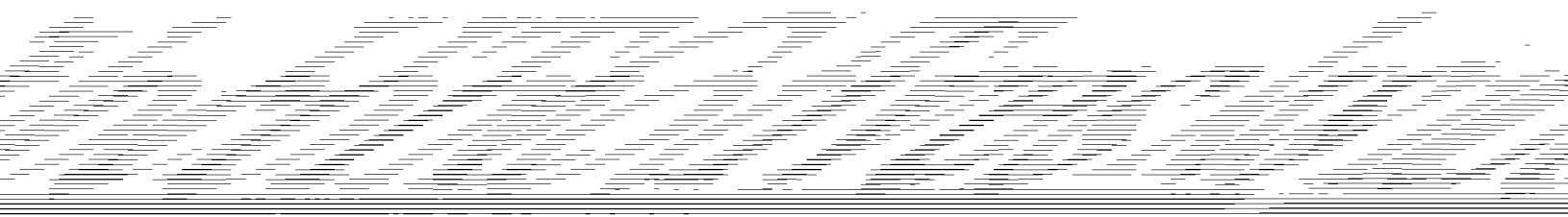
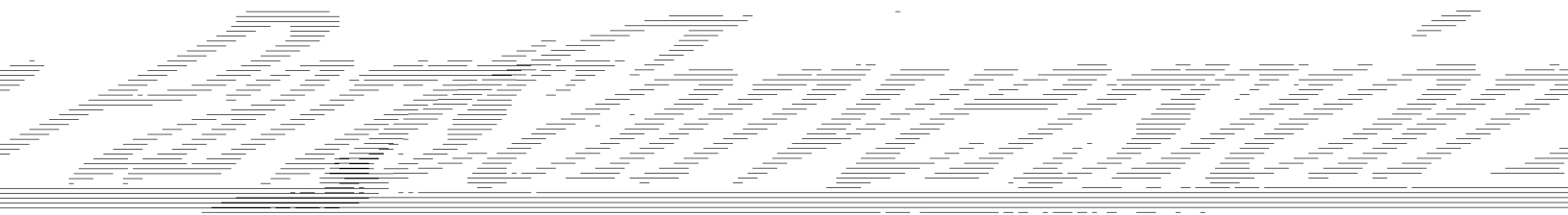
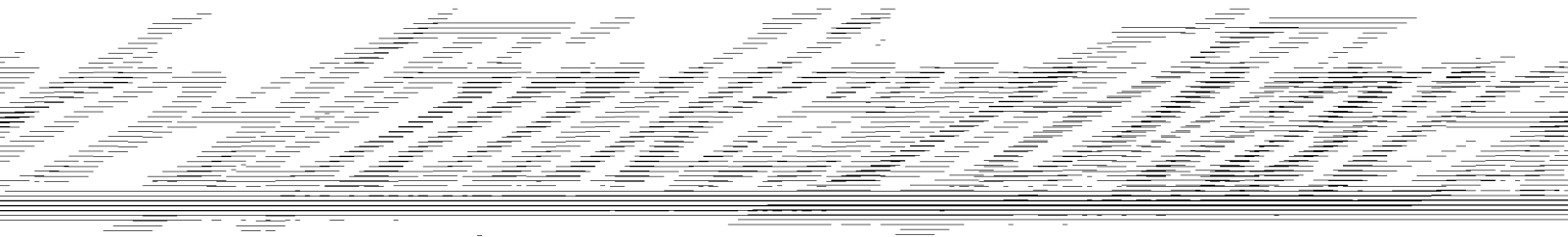
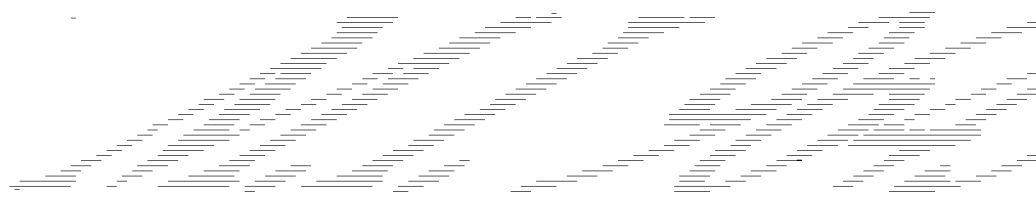
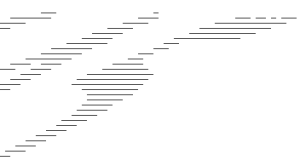
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PURPOSE: Timken GG Bearing Retrofit

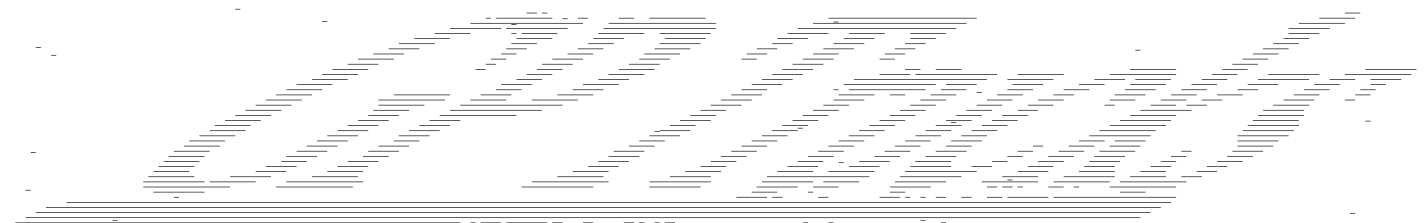
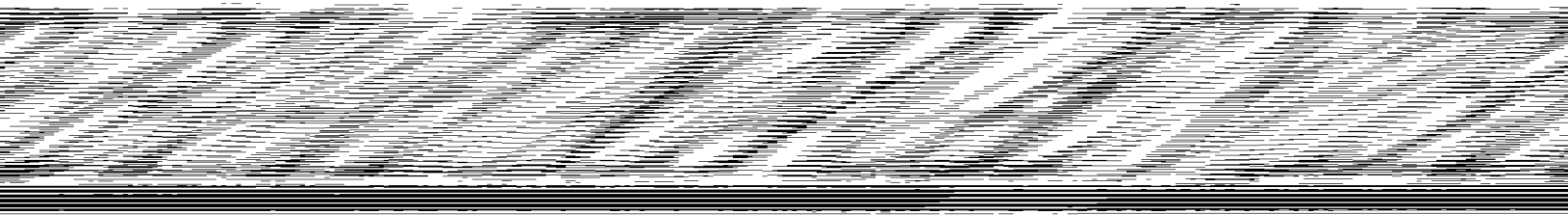
APPLICATION: GP and HTC Type Trucks
Included is necessary information to convert the axle journal bearings on existing locomotives from Hyatt 6-1/2" x 12" cylindrical oil-lubricated to Timken GG tapered grease-lubricated bearings. Fig. 1.

* This publication is revised. It supersedes previous issue of this number dated March, 1983.









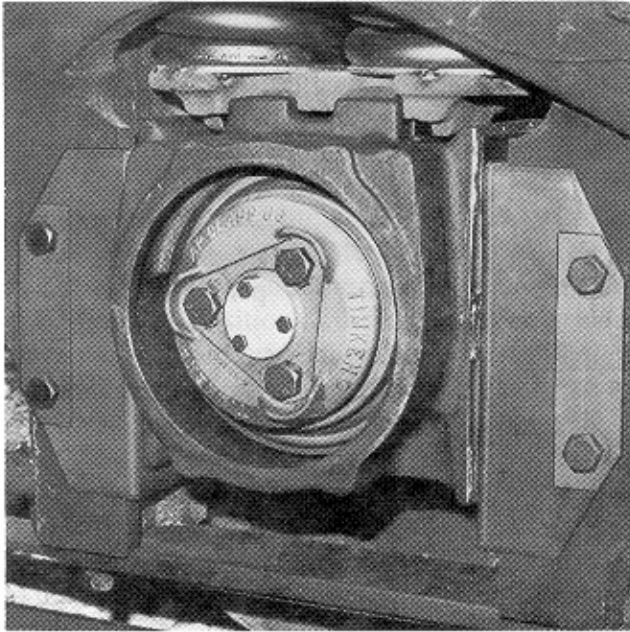


Figure 1 - Timken GG Bearing In Plain Adapter Box

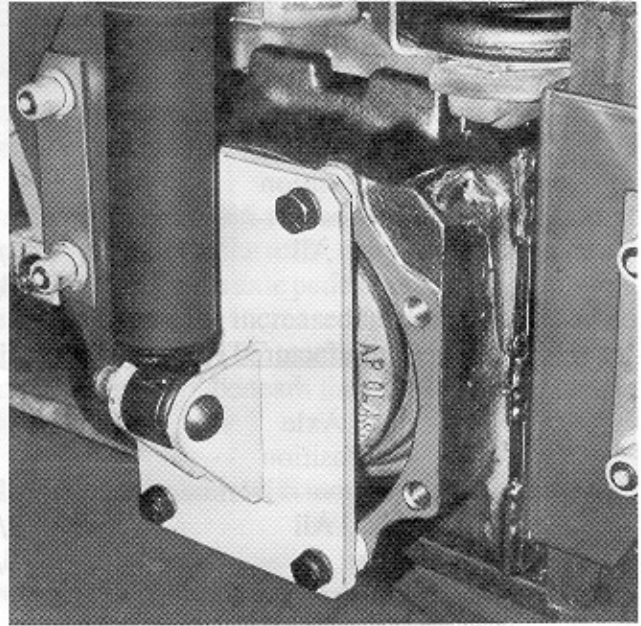


Figure 2 - Adapter Box Fitted With Shock Absorber Bracket

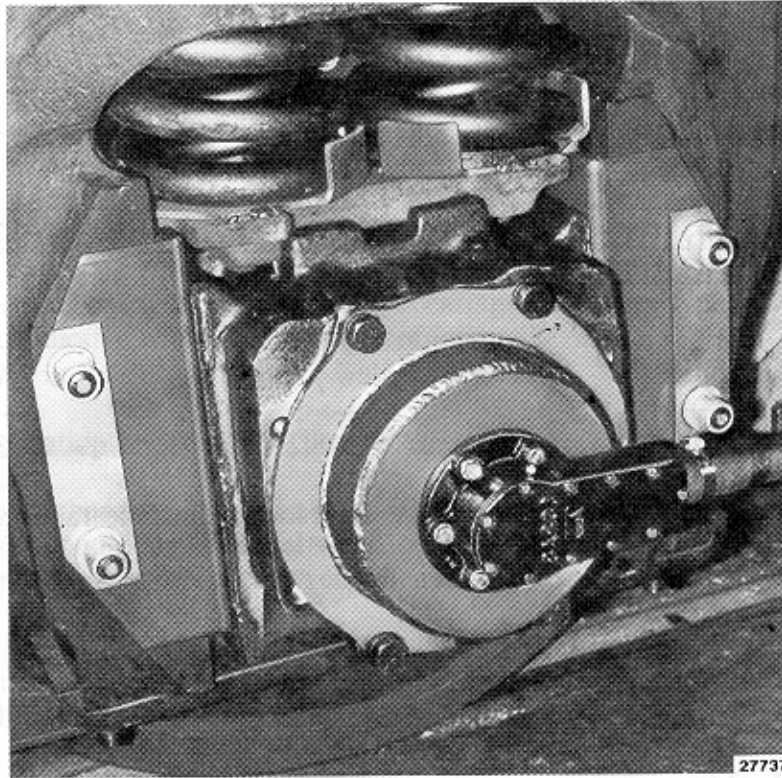
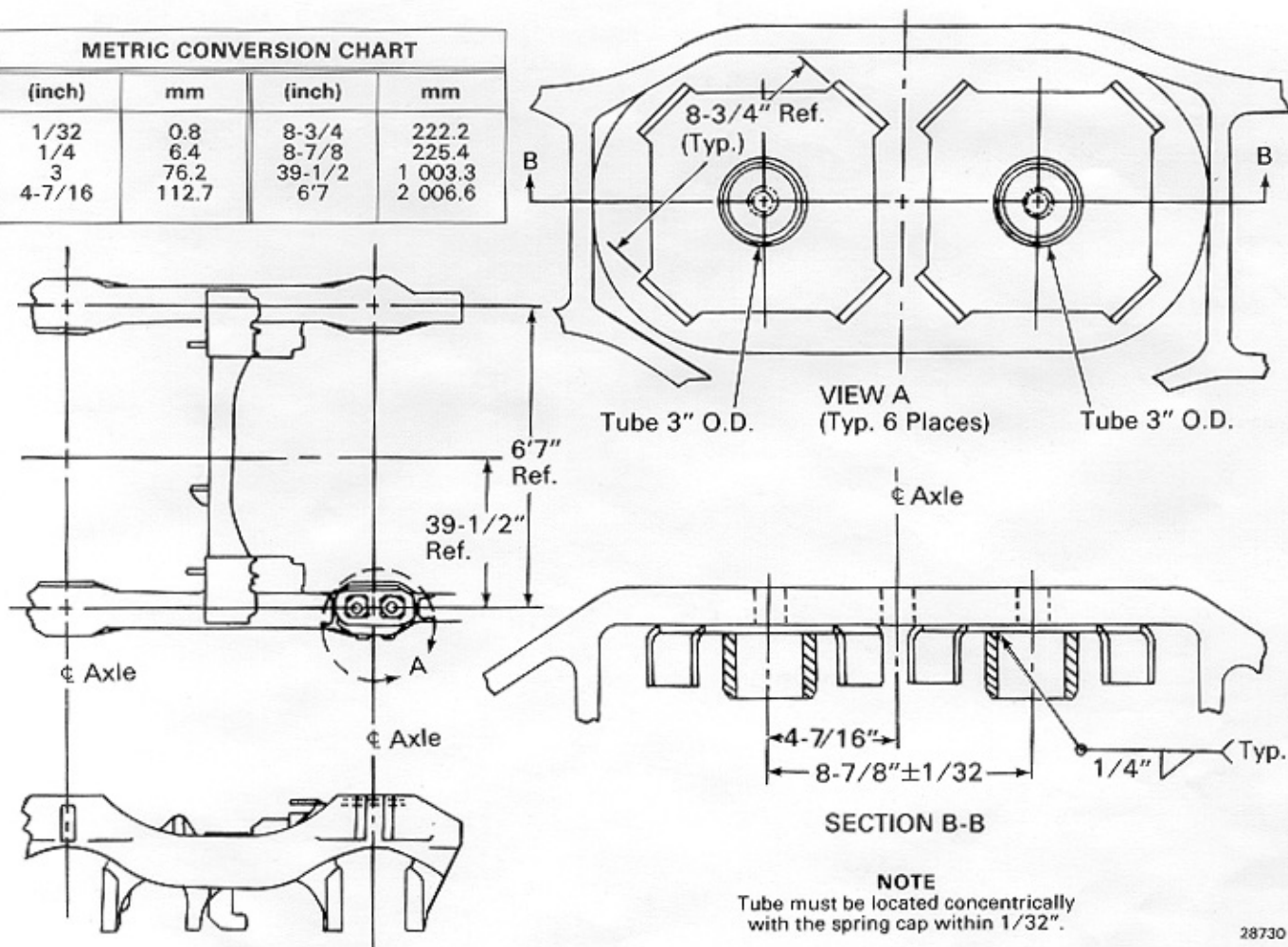


Figure 3 - Adapter Box Fitted With Speed Recorder Bracket

METRIC CONVERSION CHART			
(inch)	mm	(inch)	mm
1/32	0.8	8-3/4	222.2
1/4	6.4	8-7/8	225.4
3/8	76.2	39-1/2	1 003.3
4-7/16	112.7	6'7"	2 006.6



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Figure 4 - Spring Seat Comparisons

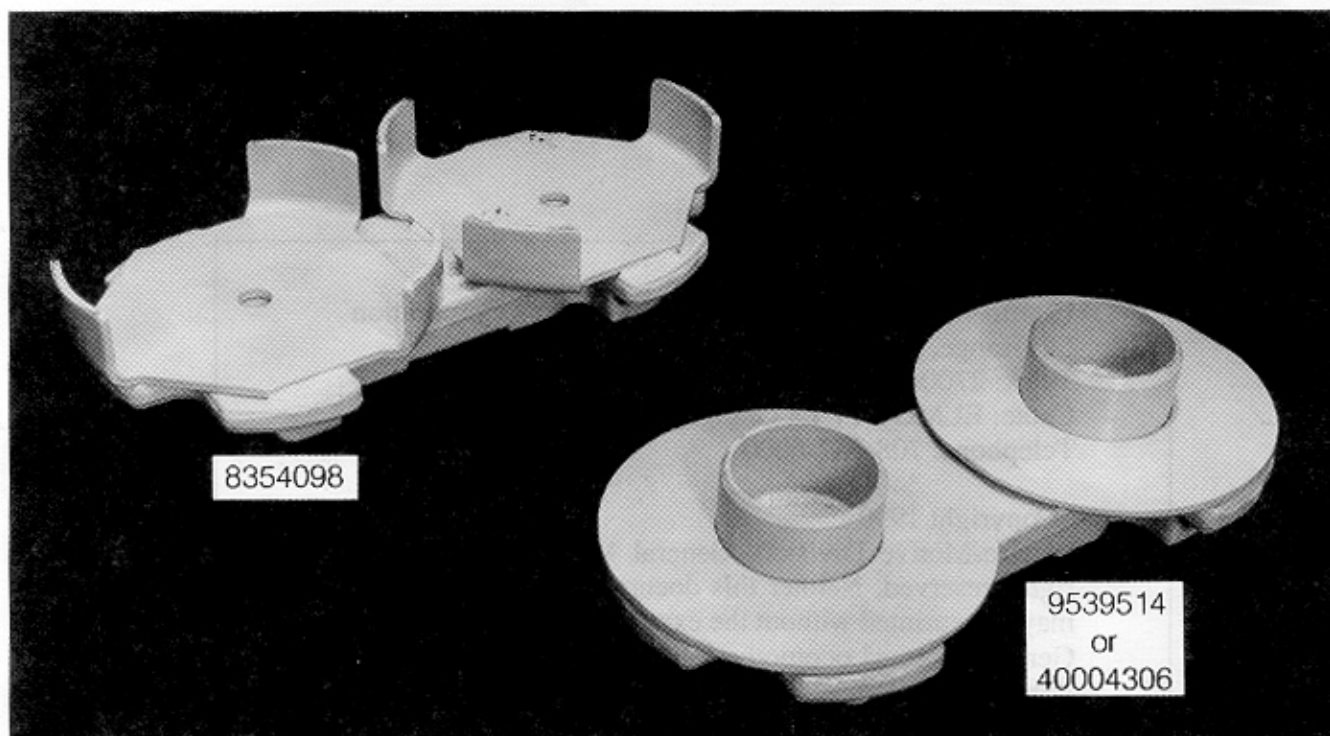


Figure 5 - Truck Frame Coil Spring Seat Location (Tapered Journal Bearing)

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