

FITS, CLEARANCES AND REPAIR TOLERANCES (-6C)

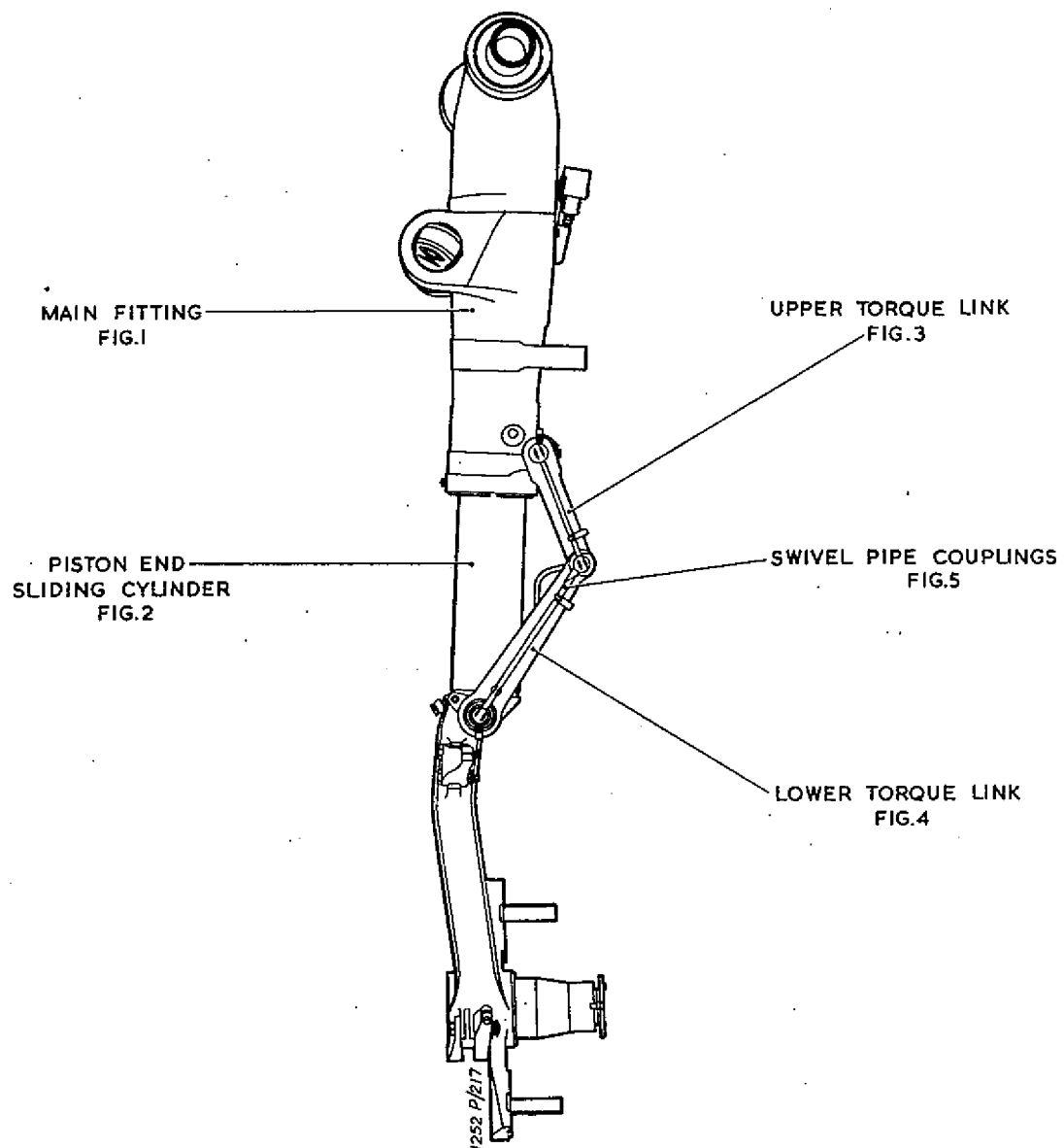


Fig.1 Key diagram

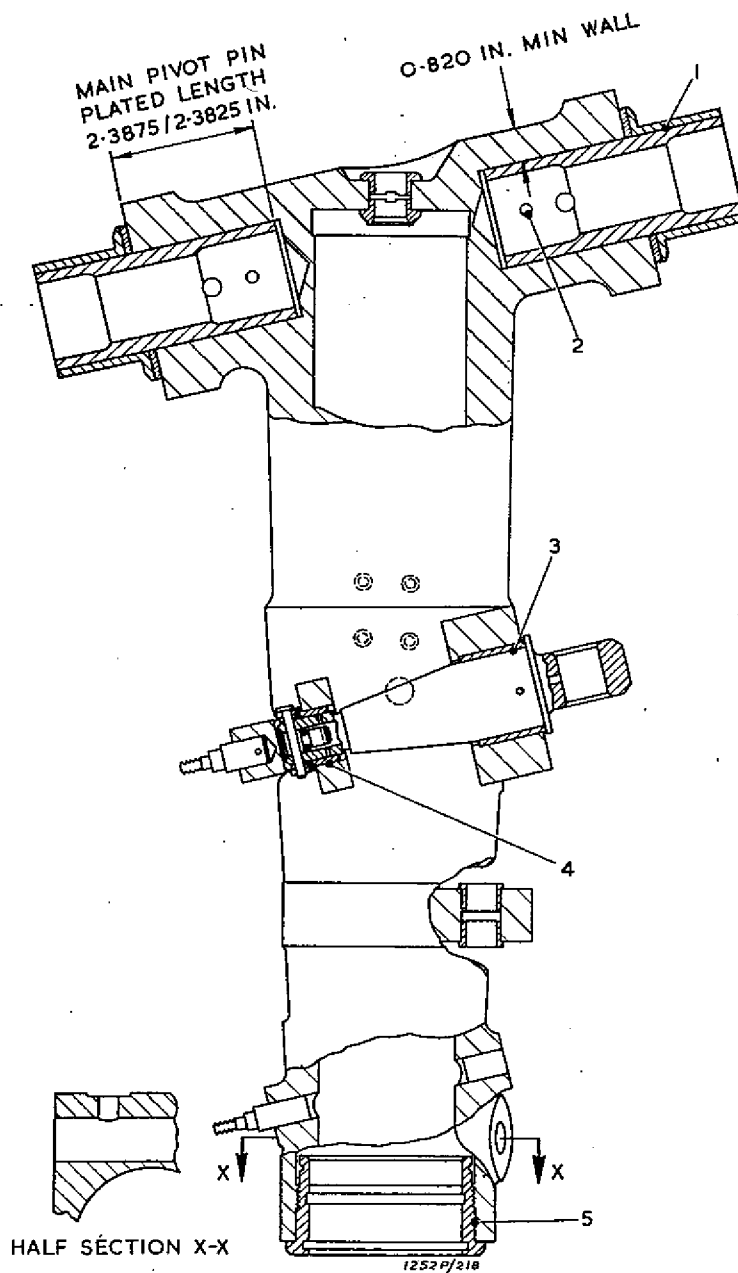


Fig.2 Main fitting

FITS, CLEARANCES AND REPAIR TOLERANCES

Ref. No. on Fig. 2	Parts and Description	Dimension New	Permissible Worn Dimension		Permissible Clearance	
			Interchangeable Assembly	Selective Assembly	New	Worn
1	MAIN PIVOT PIN IN PIVOT PIN BUSH					
	Bush i/d	$\frac{2.2510}{2.2495}$	-	-	$\frac{0.0030}{0.0005}$	-
	Pin o/d	$\frac{2.2490}{2.2480}$	-	-		
2	SPECIAL BOLT IN MAIN FITTING AND MAIN PIVOT PIN					
	Main fitting and main pivot pin i/d	$\frac{0.2505}{0.2495}$	0.2515	0.2515	$\frac{0.0040}{0.0025}$	0.0050
	Special bolt o/d	$\frac{0.2470}{0.2465}$	-	-		
3	RETRACTION PIN IN RETRACTION PIN BUSH					
	Bush i/d	$\frac{1.93825}{1.93725}$	1.93850	1.93900	$\frac{0.00225}{0.00050}$	0.00300
	Pin o/d	$\frac{1.93675}{1.93600}$	1.93550	1.93525		
4	RETRACTION PIN IN RETRACTION PIN BUSH					
	Bush i/d	$\frac{1.06325}{1.06225}$	1.06400	1.06400	$\frac{0.00225}{0.00050}$	0.00300
	Pin o/d	$\frac{1.06175}{1.06100}$	1.06100	1.06025		
5	SLIDING CYLINDER IN LOWER BEARING					
	Bearing i/d	$\frac{3.5065}{3.5055}$	3.5085	3.5085	$\frac{0.0115}{0.0075}$	0.0135
	Cylinder o/d	$\frac{3.4980}{3.4950}$	-	-		

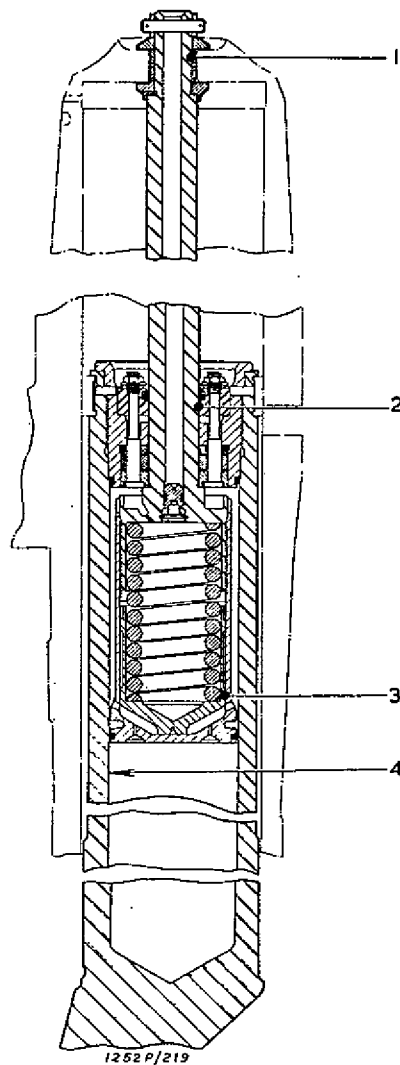


Fig.3 Piston and sliding cylinder

FITS, CLEARANCES AND REPAIR TOLERANCES

Ref. No. on Fig.3	Parts and Description	Dimension New	Permissible Worn Dimension		Permissible Clearance	
			Interchangeable Assembly	Selective Assembly	New	Worn
1	PISTON ROD IN PISTON ROD BUSHES					
	Bushes i/d	$\frac{0.75075}{0.74950}$	0.751375	0.75200	$\frac{0.00275}{0.00050}$	0.00400
	Piston rod o/d	$\frac{0.74900}{0.74800}$	0.747375	0.74675		
2	PISTON ROD IN BEARING					
	Bearing i/d	$\frac{1.00325}{1.00250}$	1.00500	1.00500	$\frac{0.00525}{0.00350}$	0.00700
	Piston rod o/d	$\frac{0.99900}{0.99800}$	-	-		
3	VALVE IN PISTON					
	Piston i/d	$\frac{2.0635}{2.0620}$	2.0645	2.0655	$\frac{0.0040}{0.0010}$	0.0060
	Valve o/d	$\frac{2.0610}{2.0595}$	2.0585	2.0575		
4	SLIDING CYLINDER					
	Cylinder i/d	$\frac{2.5670}{2.5620}$	2.5700	2.5700	-	-

SHIM EQUALLY WITHIN 0.002 IN. TO
OBTAIN THIS DIMENSION WITHOUT
REFERENCE TO BUSH FLANGE TOLERANCES

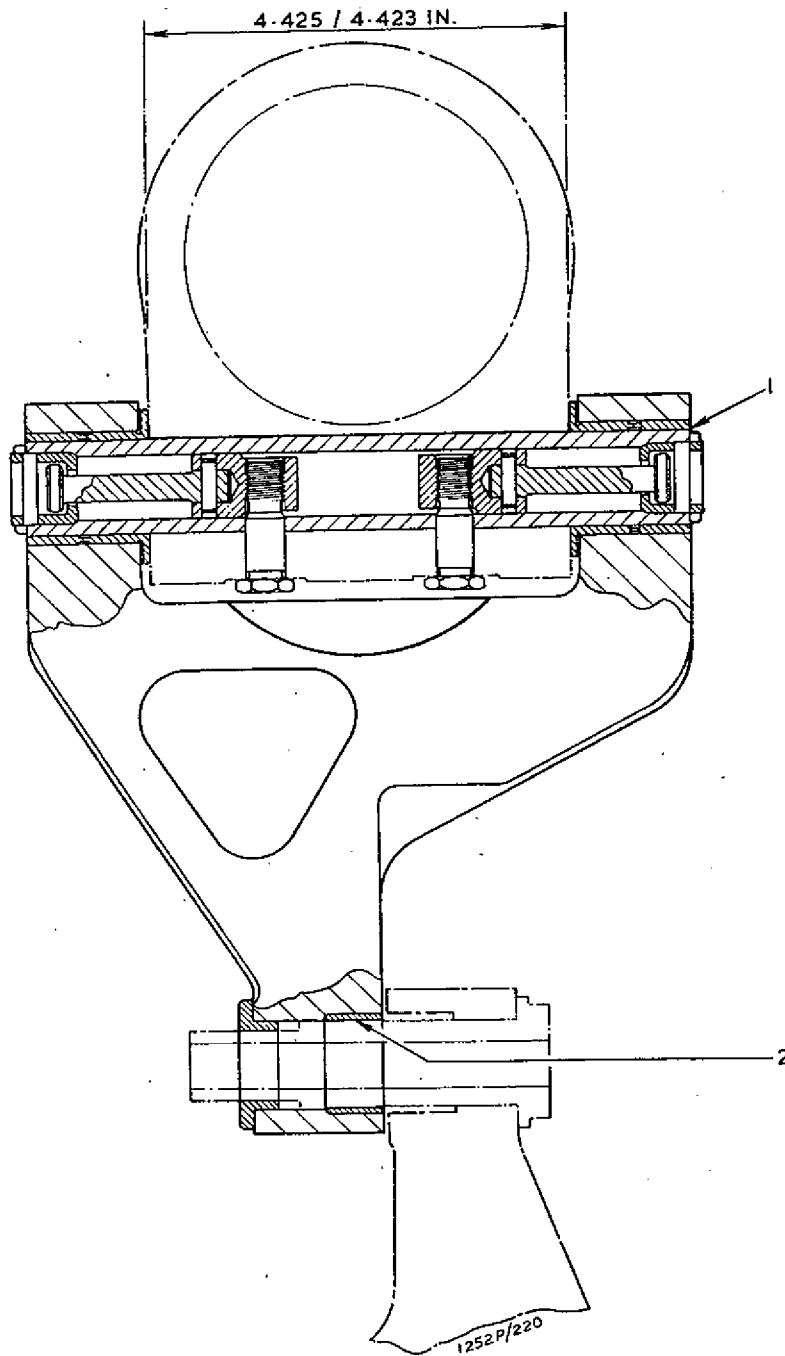
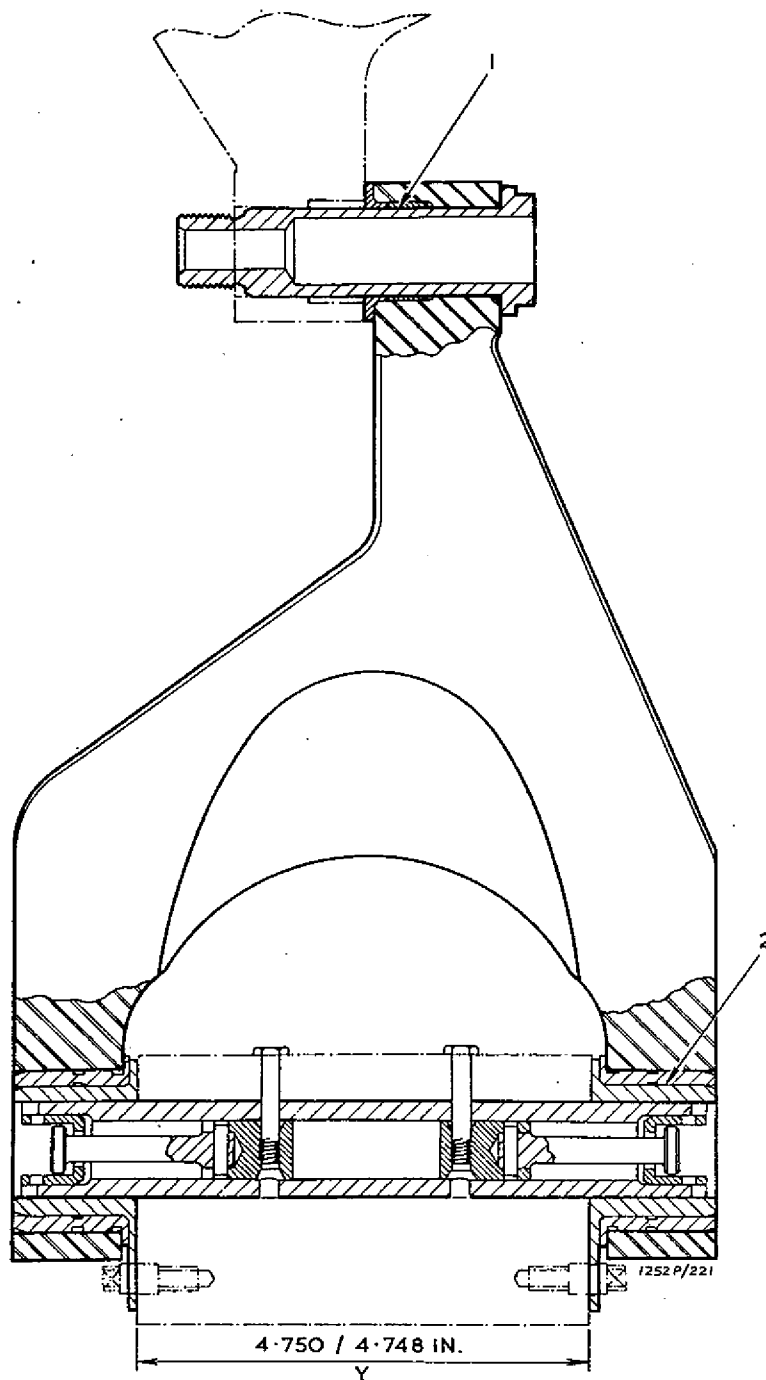


Fig.4 Upper torque link

FITS, CLEARANCES AND REPAIR TOLERANCES

Ref. No. on Fig. 4	Parts and Description	Dimension New	Permissible Worn Dimension		Permissible Clearance	
			Interchangeable Assembly	Selective Assembly	New	Worn
1	UPPER TORQUE LINK PIN IN BUSH					
	Bush i/d	$\frac{1.00050}{0.99975}$	1.00100	1.00200	$\frac{0.00150}{0.00025}$	0.00300
	Pin o/d	$\frac{0.99950}{0.99900}$	0.99800	0.99750		



DIMENSION Y - SHIM ENDS EQUALLY WITHIN 0.002 IN.
TO OBTAIN THIS DIMENSION WITHOUT
REFERENCE TO BUSH FLANGE TOLERANCES.

Fig.5 Lower torque link

FITS, CLEARANCES AND REPAIR TOLERANCES

Ref. No. on Fig. 5	Parts and Description	Dimension New	Permissible Worn Dimension		Permissible Clearance	
			Interchangeable Assembly	Selective Assembly	New	Worn
1	CONNECTION PIN IN BUSH					
	Bush i/d	$\frac{0.93800}{0.93725}$	0.93900	0.93950	$\frac{0.00250}{0.00075}$	0.00400
	Pin o/d	$\frac{0.93650}{0.93550}$	0.93500	0.93400		
2	FLANGED SLEEVE IN BUSH					
	Bush i/d	$\frac{1.37575}{1.37475}$	1.37600	1.37775	$\frac{0.00200}{0.00025}$	0.00400
	Sleeve o/d	$\frac{1.37450}{1.37375}$	1.37200	1.37175		

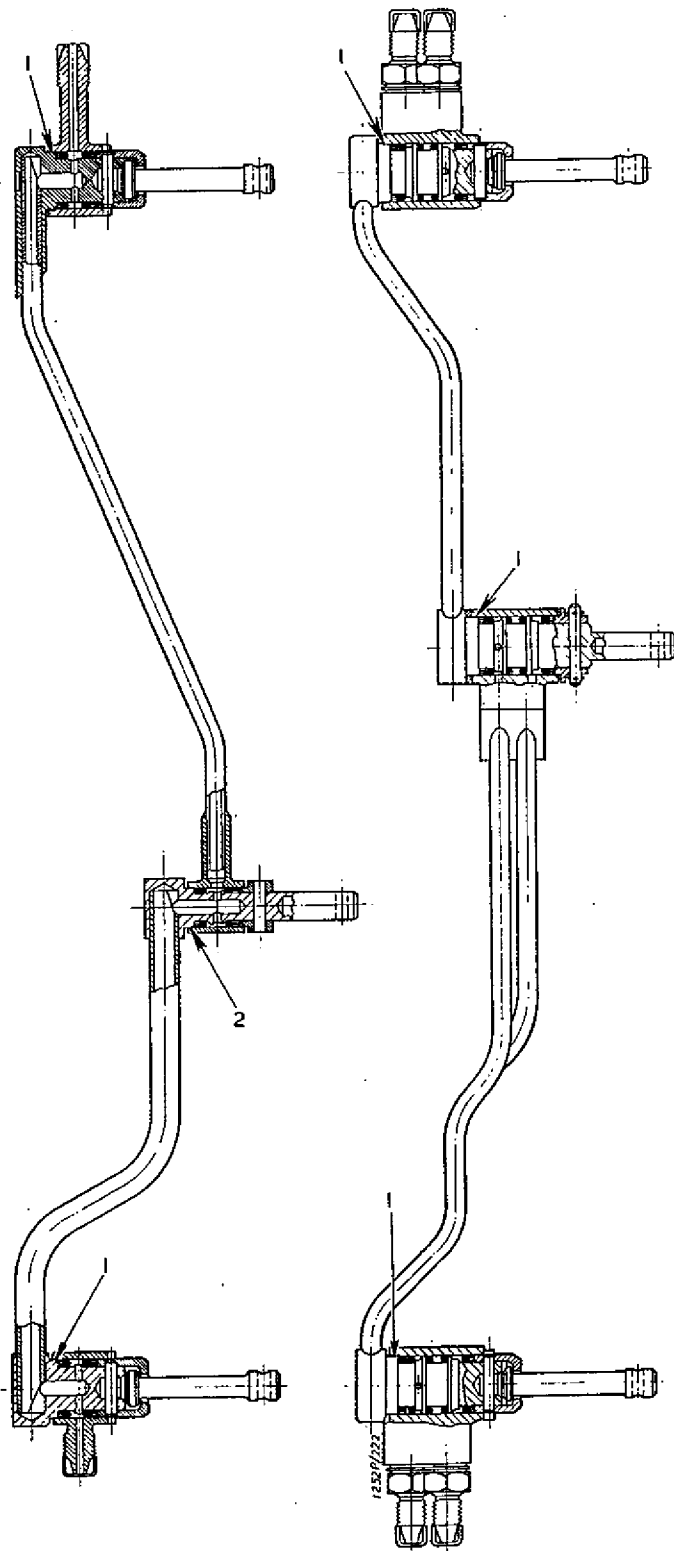


Fig.6 Swivel pipe couplings

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Ref. No. on Fig.6	Parts and Description	Dimension New	Permissible Worn Dimension		Permissible Clearance	
			Interchangeable Assembly	Selective Assembly	New	Worn
1	BANJO PIN OR SPIGOT IN BANJO CONNECTION OR SWIVEL COUPLING					
	Banjo connection swivel coupling i/d	$\frac{0.75075}{0.74950}$	0.75150	0.75225	$\frac{0.00350}{0.00075}$	0.00500
	Banjo pin spigot o/d	$\frac{0.74875}{0.74725}$	0.74650	0.74575		
2	BANJO PIN IN BANJO					
	Banjo i/d	$\frac{0.5005}{0.4995}$	0.5015			
	Banjo pin o/d	$\frac{0.4990}{0.4980}$	0.4975			

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