



Oil Pod Assembly

42	2	1/4-20x0.75 (for 41)
41	2	Oil-pod keeper (see drawing AST-02-P11)
40	1	8-32x3/8 Screw (ss; w flat D washers) to attach 27&28
39	1	Jam Nut (Provided by TSU modif. reqd; stainless)
38	1	3/8-16x0.5 Set Screw to Retain Levelling Screw (ss)
37	1	3/8-16x0.5 Set Screw to lock parts 35&36 (ss)
36	1	Flange for Bronze Nut (prov by TSU-mod. reqd)
35	1	Bronze Nut for Levelling Screw (prov TSU-mod. reqd)
34	2	Levelling Screw-Acme 1.5-4 (Prov by TSU-Mod. Reqd)
33	4	1/4-20x3/4 socket-head cap screw for 2-029 (ss)
32	4	1/4-20x3/4 socket-head cap screw for 2-031 (ss)
31	1	Pivot-Bearing Retainer
30	1	Pivot Bearing (ELGES (GE 20 AW prov by TSU))
29	1	Bearing Adapter
28	2	Short Seal Retainer
27	2	Long Seal Retainer
26	1	Return-Channel Seal (prov by TSU)
25	2	Oil-Return Fitting (Aerquip FF1854T-1010S; mod by TSU)
24	1	Fitting (Aerquip 208209-1010S; prov. by TSU)
23	1	Tube/Orifice Compensator (prov. by TSU)
22	4	Orifice (cut in M12-1.5x10 plug-provided by TSU)
21	3	M12-1.5x10 Plug
20	1	Oil Pad

Note: Quantities of parts are for a single bearing pad only. Multiply by 3 for the whole telescope.

No.	Qty.	Description
Tenn. State Univ.		
CASS 2-m AST Project		
07/15/97	J.A.E.	AST-02-A02