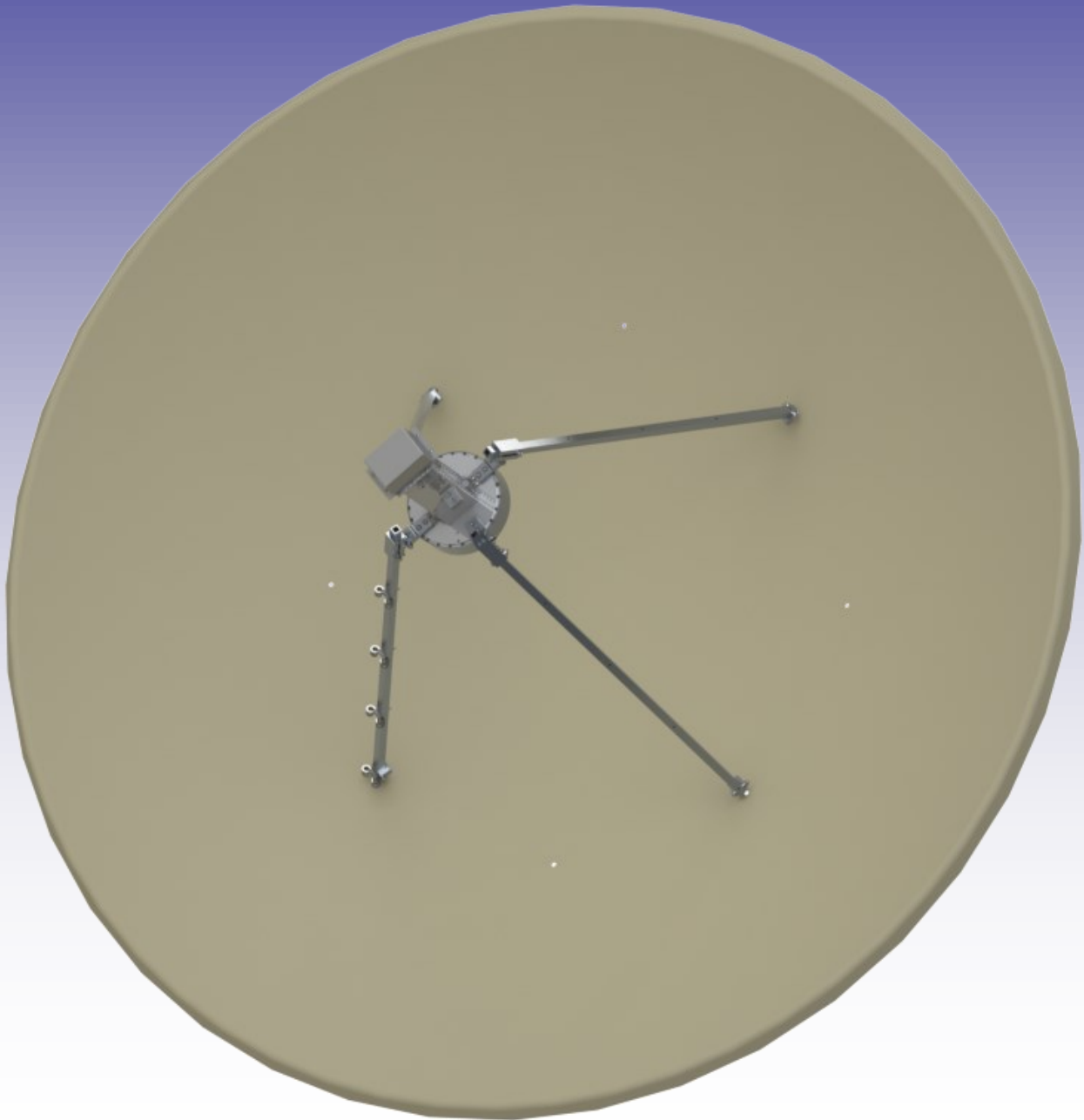




**M2 ANTENNA SYSTEMS, INC.**  
**MODEL NO: FGDFS2007**  
**DISH FEED SYSTEM, 8FT DH, M2 FEED**  
**S-BAND SEPTUM**



**M2 ANTENNA SYSTEMS, INC. 4402 N. SELLAND AVE. FRESNO, CA 93722**  
**TEL: (559) 432-8873 FAX: (559) 432-3059 WEB: WWW.M2INC.COM**

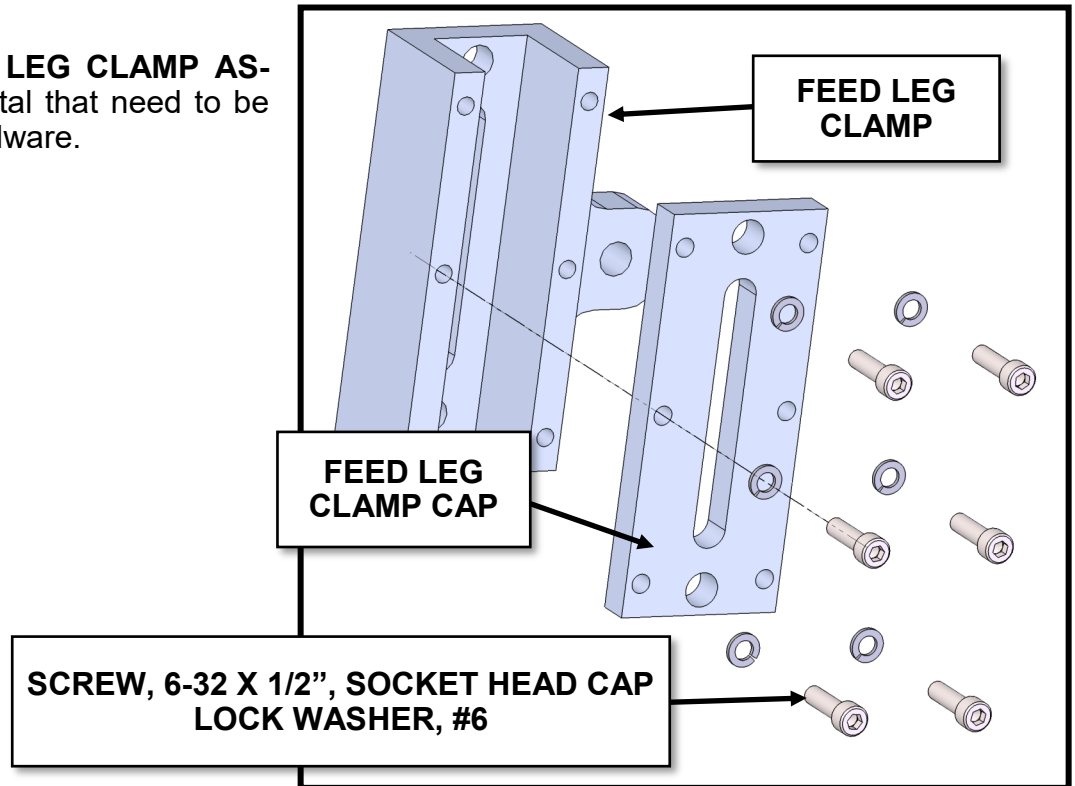
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REV A

# DISH FEED SYSTEM ASSEMBLY

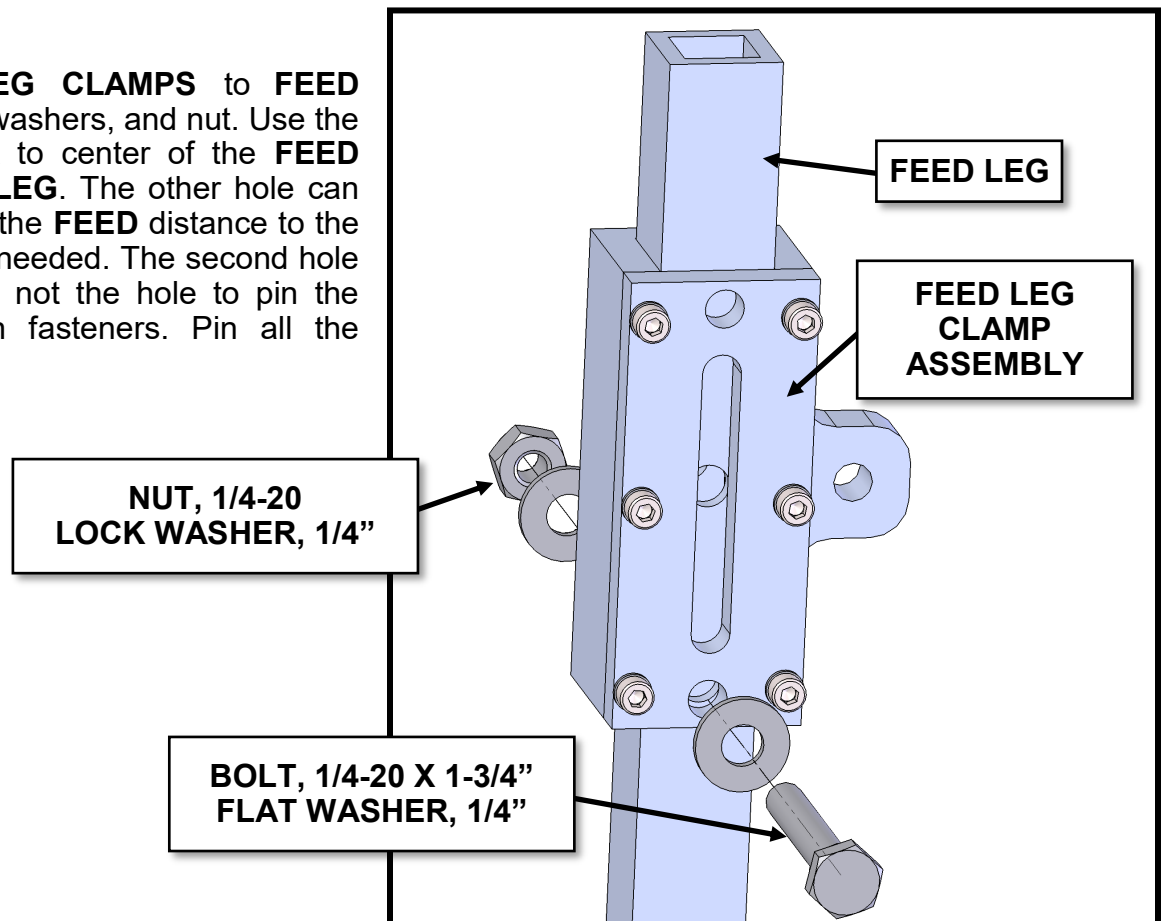
## STEP 1:

Assemble the **FEED LEG CLAMP ASSEMBLIES**. There are 4 total that need to be assembled. Tighten all hardware.



## STEP 2:

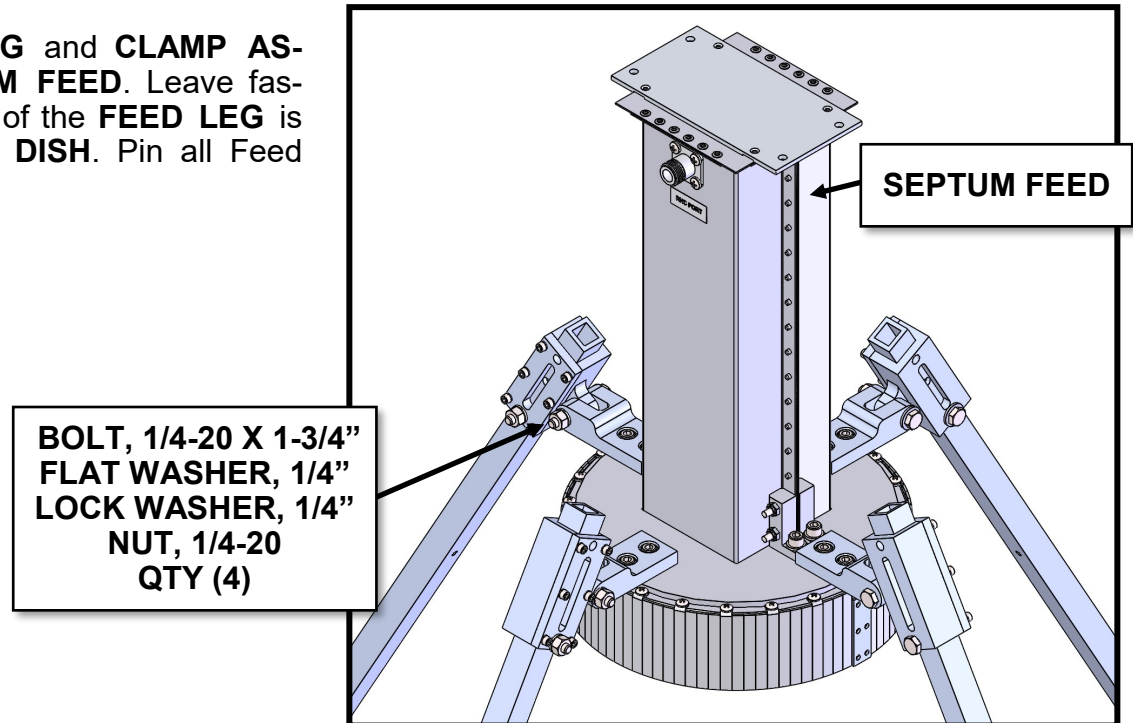
Pin **FEED LEG CLAMPS** to **FEED LEGS**. Pin with bolt, washers, and nut. Use the second hole (closest to center of the **FEED LEG**) to **PIN FEED LEG**. The other hole can be used later to tune the **FEED** distance to the **SATELLITE DISH** if needed. The second hole will use the slot and not the hole to pin the **FEED LEG**. Tighten fasteners. Pin all the **FEED LEGS**.



# DISH FEED SYSTEM ASSEMBLY

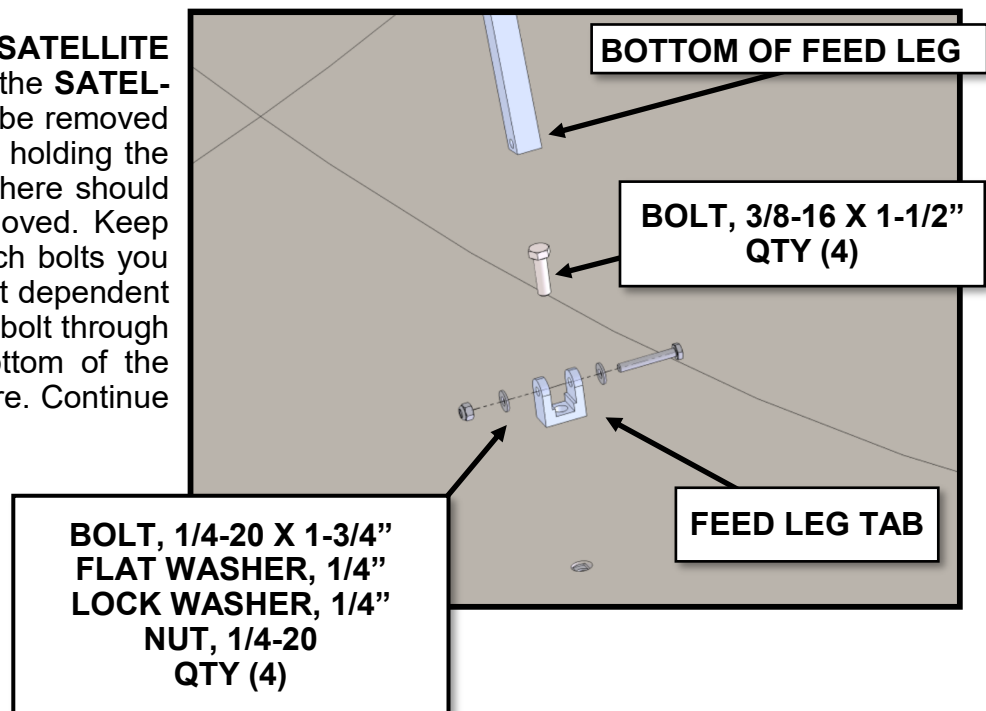
## STEP 3:

Pin the **FEED LEG** and **CLAMP ASSEMBLY** to the **SEPTUM FEED**. Leave fasteners loose until bottom of the **FEED LEG** is mounted to **SATELLITE DISH**. Pin all Feed Legs.



## STEP 4:

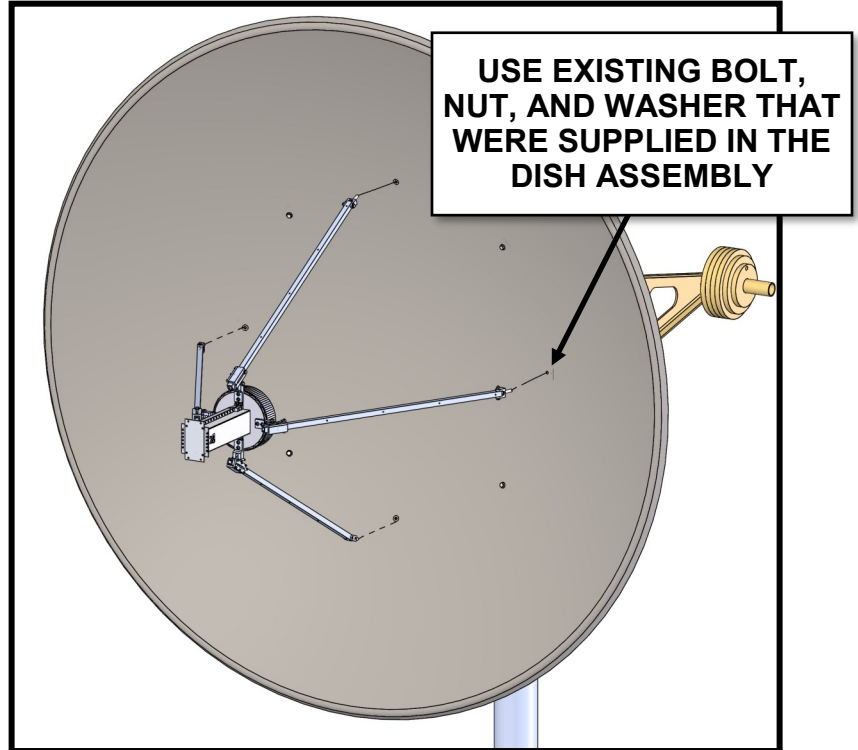
To mount the **FEED** to the **SATELLITE DISH**, existing hardware used during the **SATELLITE DISH ASSEMBLY** will need to be removed temporarily. Remove every other bolt holding the **SATELLITE DISH** to the **MOUNT**. There should be 4 total bolts that need to be removed. Keep the hardware. It does not matter which bolts you remove as the **FEED** orientation is not dependent on **FEED LEG** placement. **FEED** the bolt through the **FEED LEG TAB**. Insert the bottom of the **FEED LEG** into tab. Pin with hardware. Continue assembling all 4 **FEED LEG TABS**.



# DISH FEED SYSTEM ASSEMBLY

## **STEP 5:**

Mount the **FEED ASSEMBLY** onto the **SATELLITE DISH**. It is recommended for ease of installation to manipulate the **SATELLITE DISH** to **0** degrees in elevation. Insert bolts through the **SATELLITE DISH** holes. Tighten nuts holding the **FEED ASSEMBLY**. Tighten all hardware for the **FEED ASSEMBLY** as well as the **SATELLITE DISH MOUNT**.

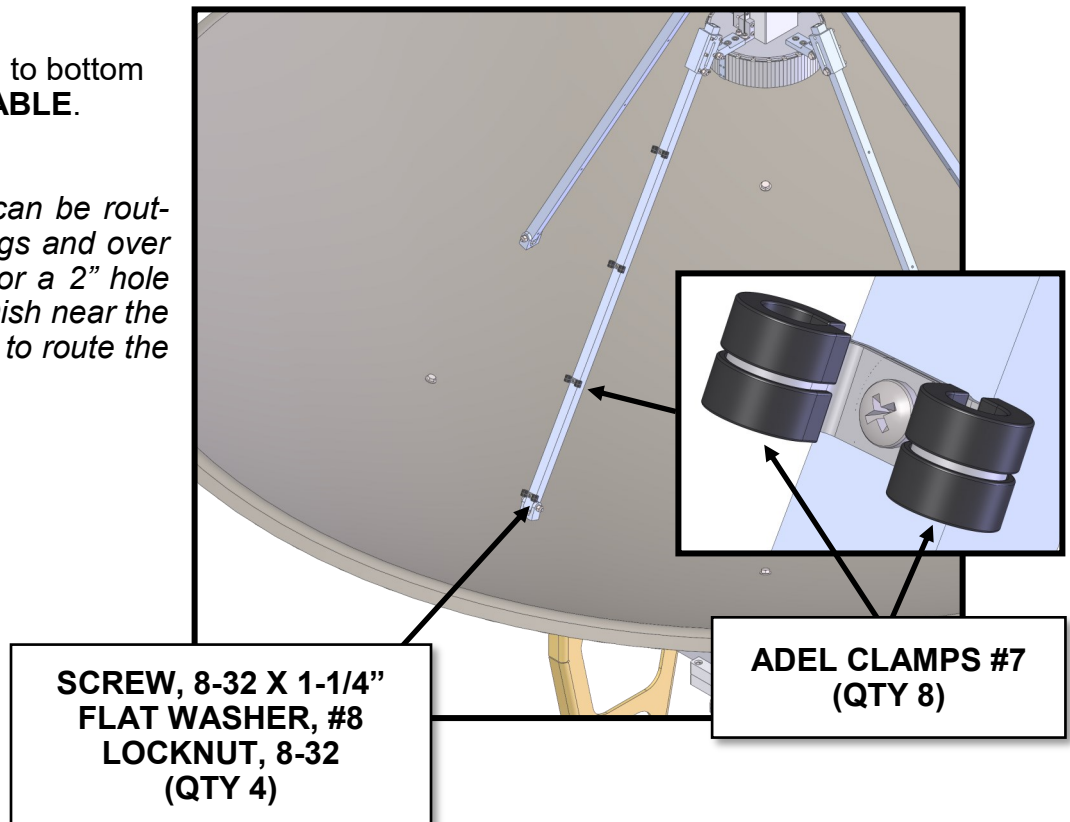


## **STEP 6:**

Install **ADEL CLAMPS** to bottom **FEED LEG** to route **FEED CABLE**.

### **NOTE:**

*Cabling for the Feed can be routed down one of the Feed Legs and over the rim of the Satellite Dish or a 2" hole can be cut into the Satellite Dish near the bottom of the Feed Leg used to route the cable.*



# FGDFS2007 SYSTEM PARTS & HARDWARE

<u>DESCRIPTION</u>	<u>QTY</u>
S-BAND SEPTUM FEED ASSEMBLY (SAFD002) .....	1
SATELLITE DISH FEED LEG CLAMP (M2AAE1631) .....	4
SATELLITE DISH FEED LEG CLAMP (M2AAE1632) .....	4
FEED LEG TAB (M2ASD0031).....	4
SATELLITE DISH FEED LEG (M2ASD0034) .....	4
SEPTUM FEED BRACKET, UPPER (M2AFD0003).....	4

## HARDWARE

BOLT, 1/4-20 X 1-3/4", HEX HEAD, SS.....	12
BOLT, 1/4-20 X 1/2", SOCKET HEAD CAP, SS .....	8
FLAT WASHER, 1/4", SS.....	12
LOCK WASHER, 1/4", SS.....	12
NUT, 1/4-20, SS.....	12
SCREW, #6-32 X 1-1/4", PAN HEAD PHILLIPS, SS .....	4
SCREW, #6-32 X 1/2", SOCKET HEAD CAP, SS .....	24
FLAT WASHER, #6-32, SS.....	4
LOCK WASHER, #6-32, SS.....	24
LOCKNUT, #6-32, SS .....	4
ADEL CLAMPS, #7 .....	8