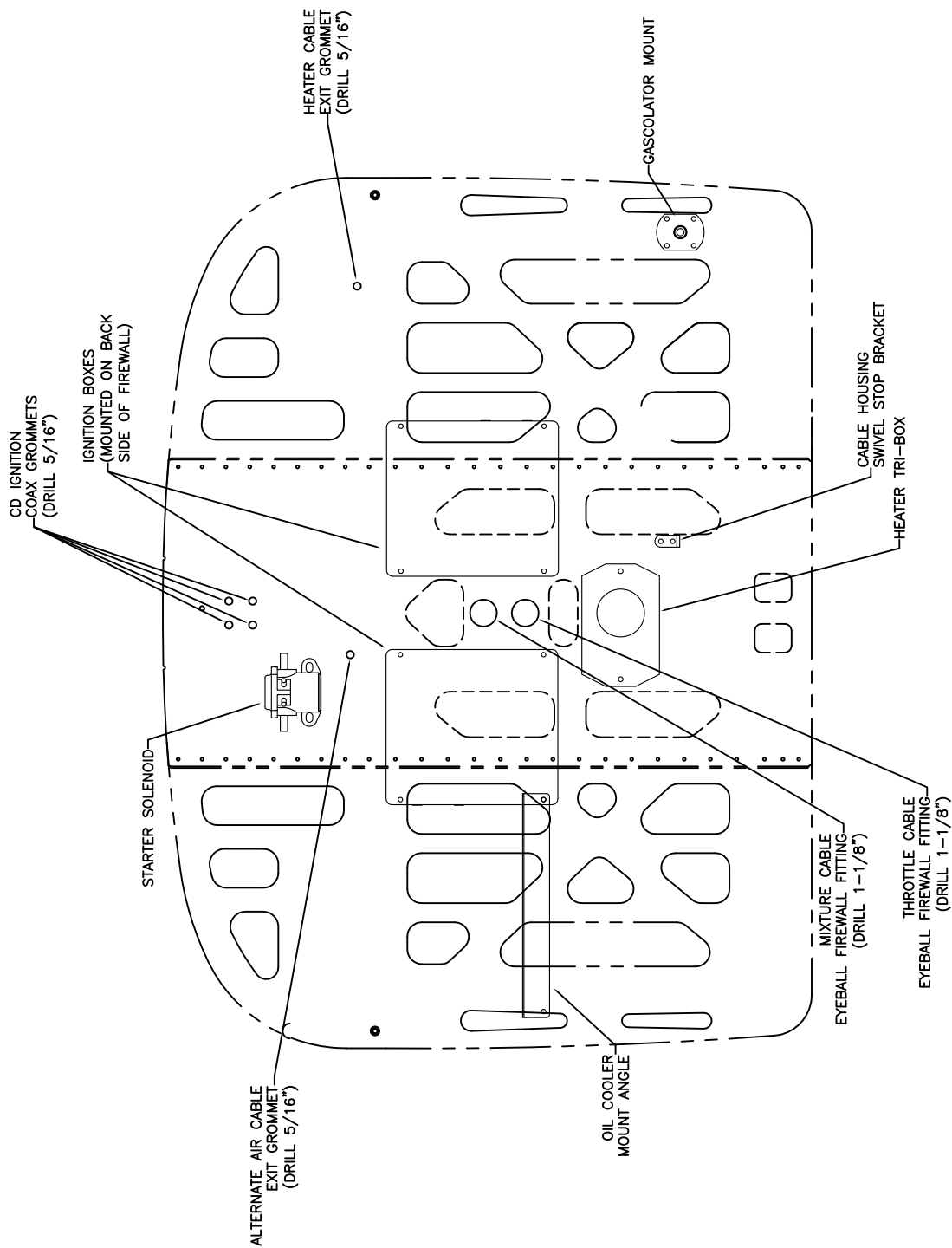
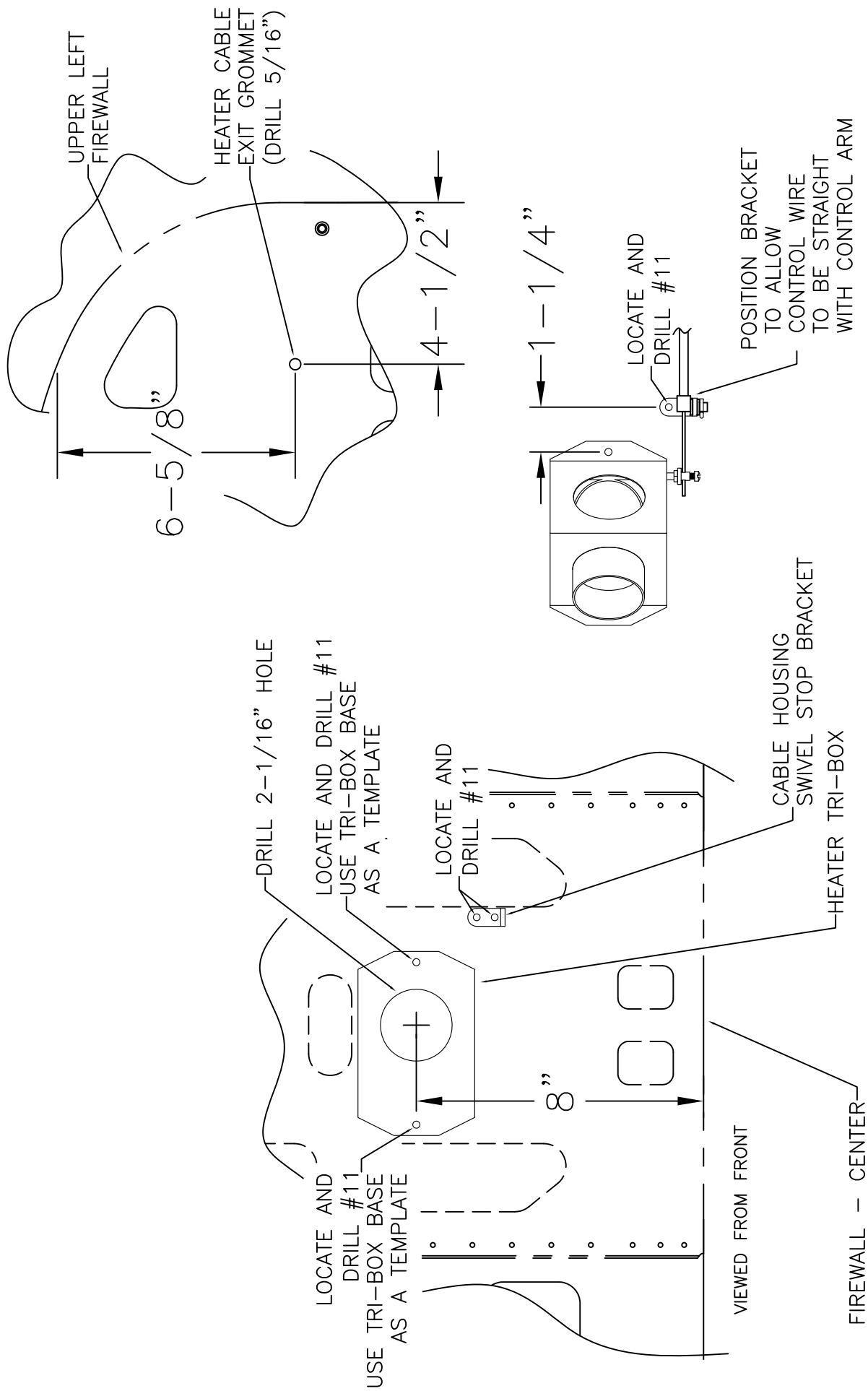




VIED FROM FRONT

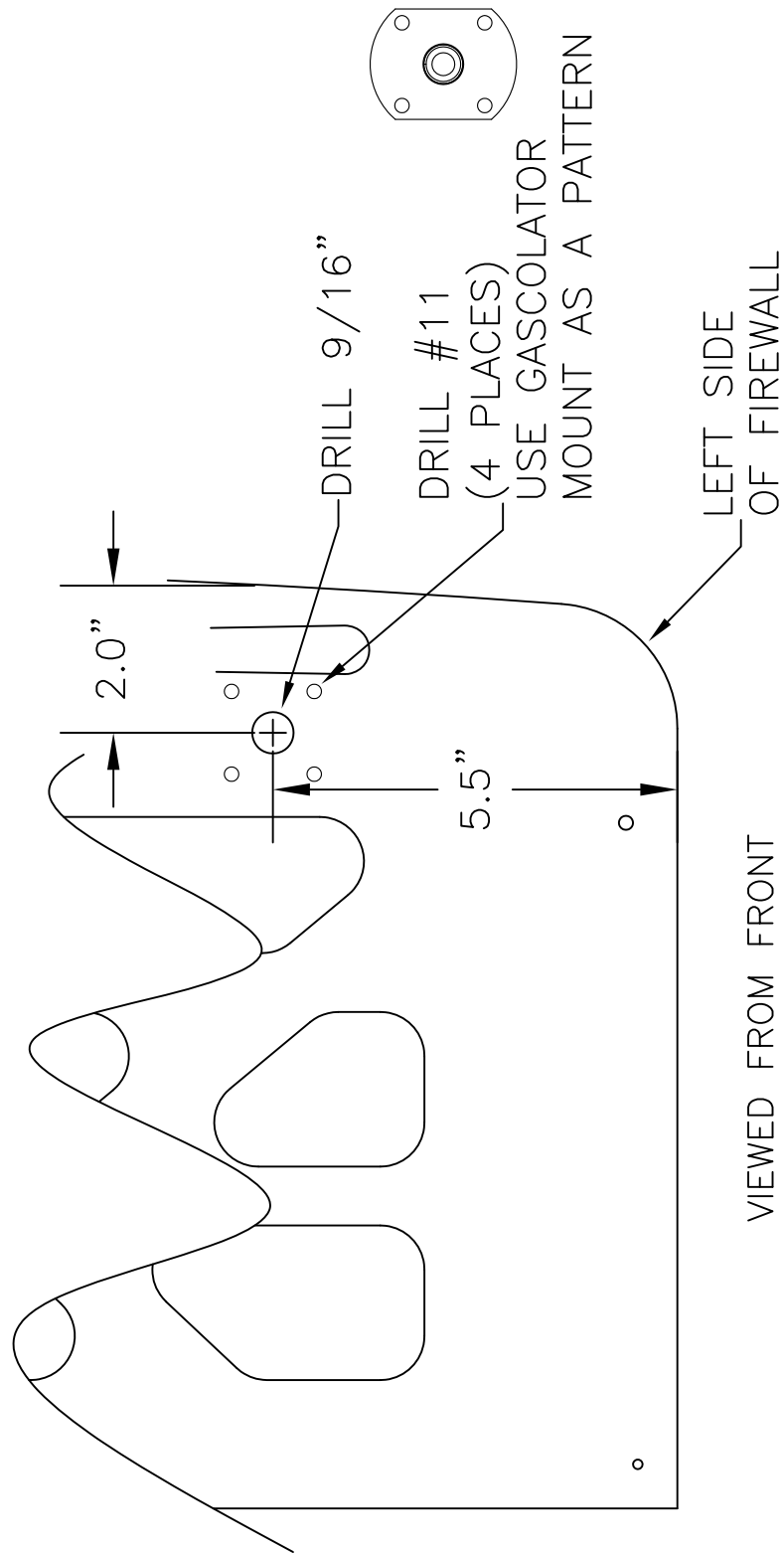
RAMP S-21 OUTBOUND
TITAN X-340
FIREWALL INSTALLED ITEMS
FIGURE 11-01/ TITAN340

MD5575
REV. A



MD5575
REV. - - ORIG

RAMP S-21 OUTBOUND
TITAN X-340
CABIN HEATER INSTALLATION
FIGURE 11-02/ TITAN340



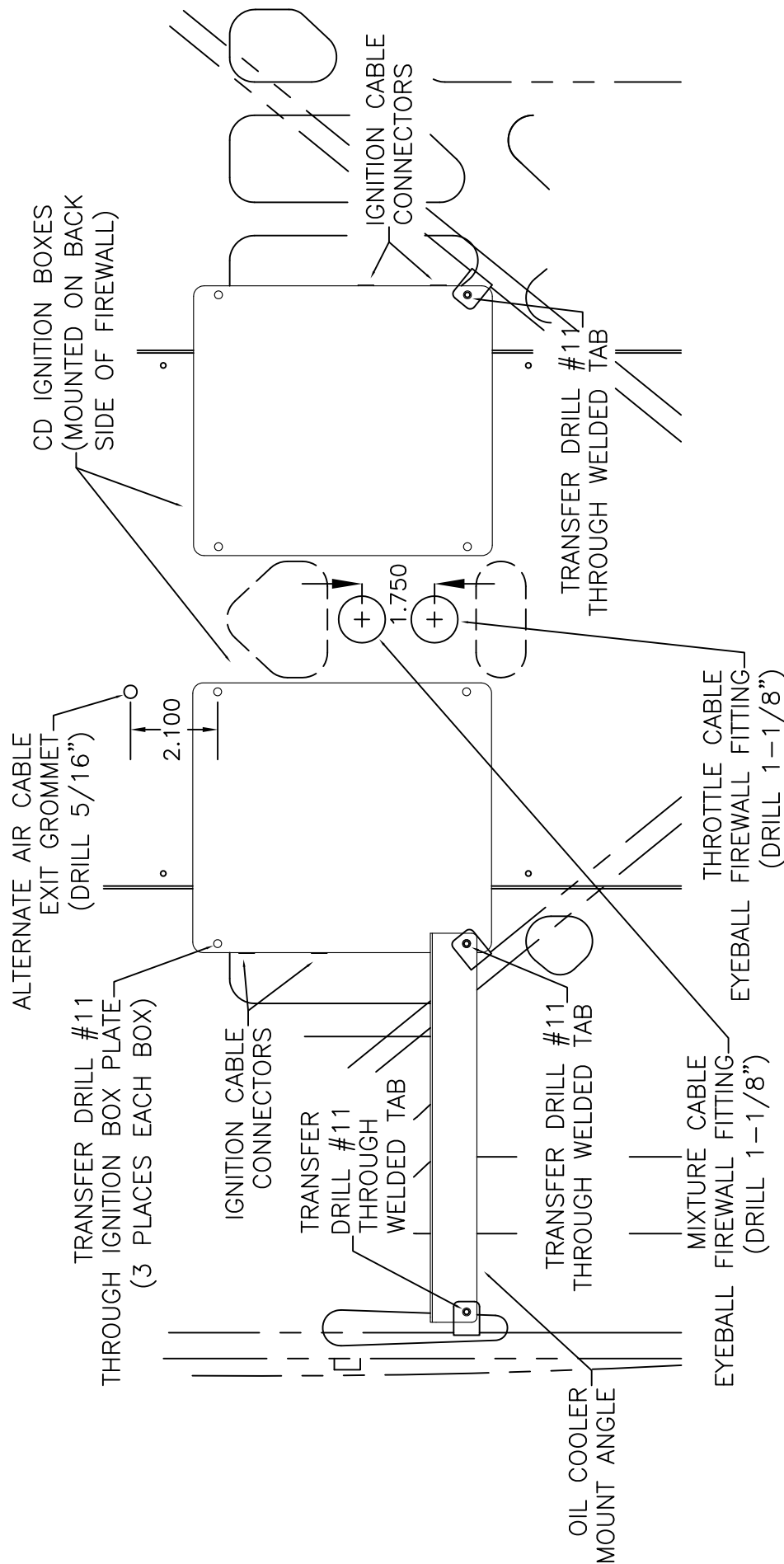
RAM S-21 OUTBOUND

TITAN X-340

GASCOLATOR MOUNT INSTALLATION

FIGURE 11-03/ TITAN340

MD5575
REV. - ORIG



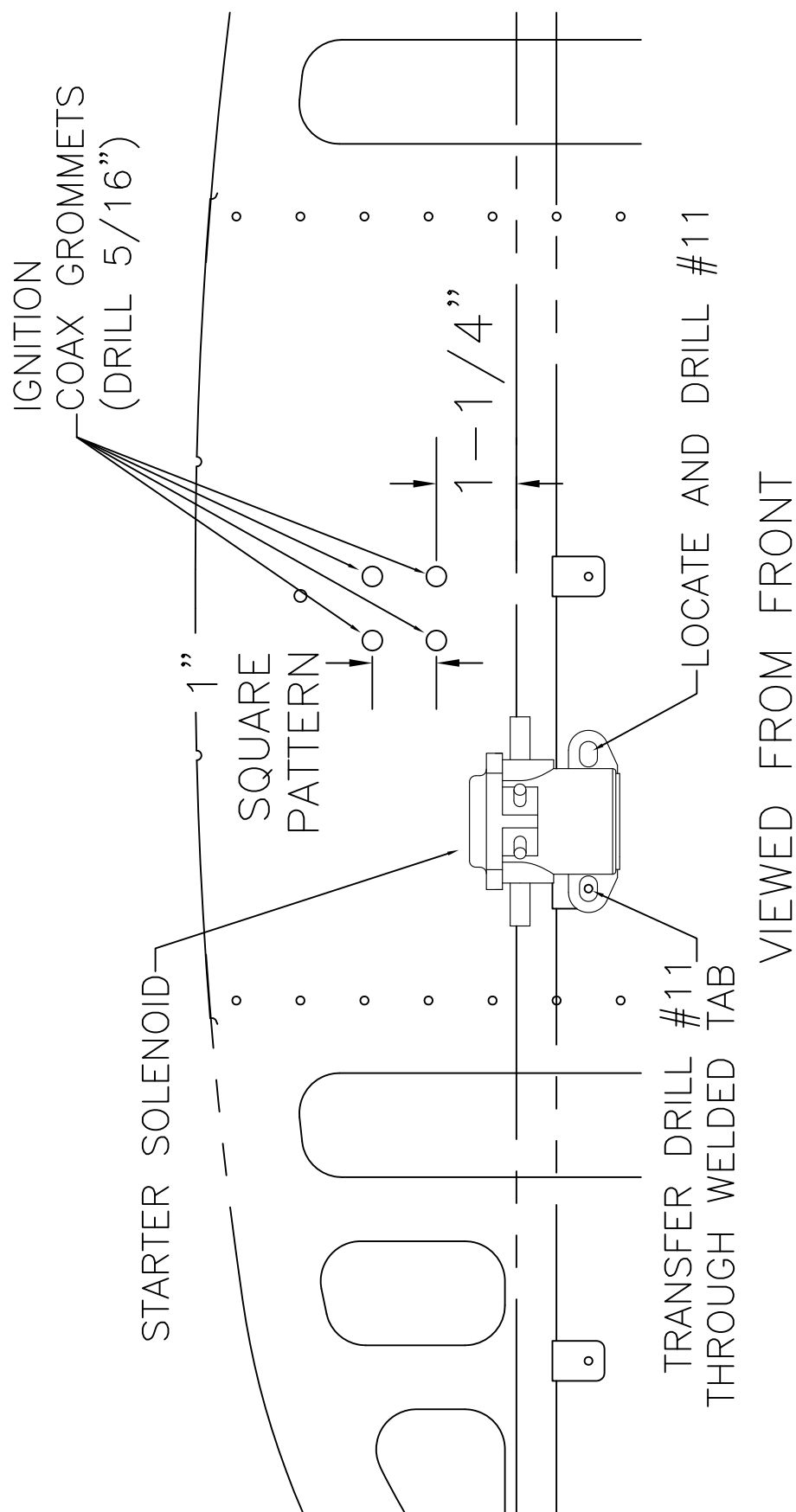
VIEWED FROM FRONT

ITEMS FORWARD OF IGNITION BOXES NOT SHOWN FOR CLARITY

RAM S-21 OUTBOUND
TITAN X-340

IGNITION MODULE & OIL COOLER MOUNT INSTALLATION
FIGURE 11-04/ TITAN340

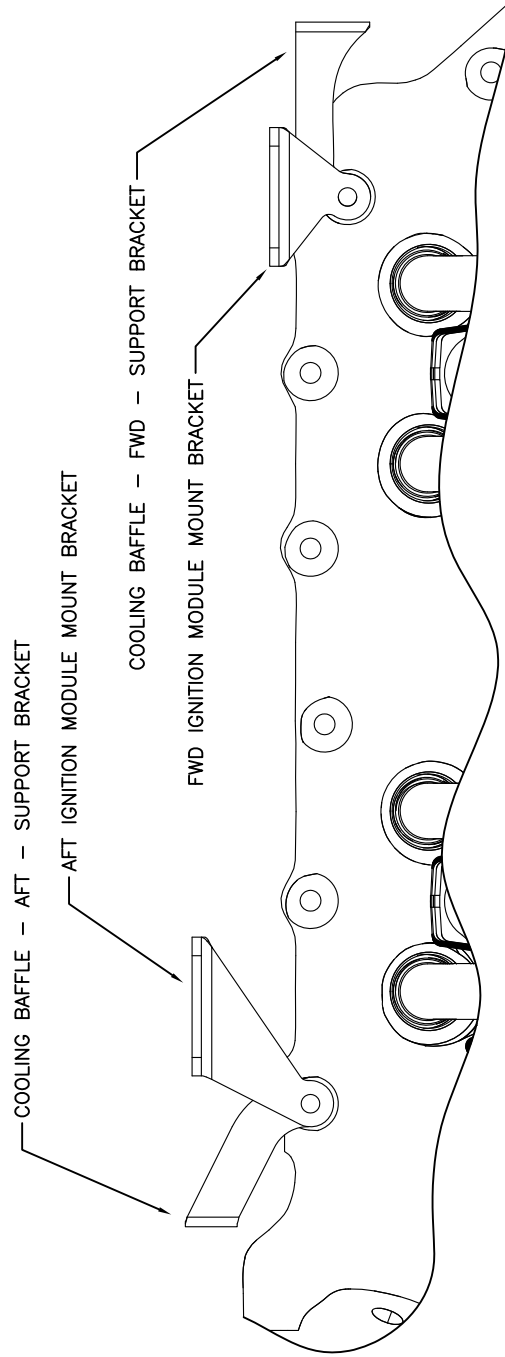
MD5575
REV. A



MD5575
REV. - ORIG

RAMS S-21 OUTBOUND
TITAN X-340
STARTER SOLENOID INSTALLATION
FIGURE 11-04A/ TITAN340

RE-TORQUE BOLTS TO 96 INCH POUNDS

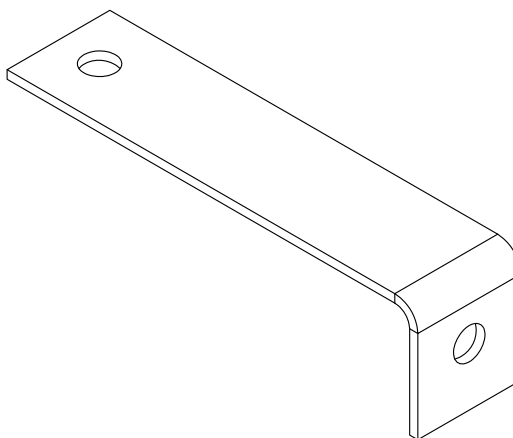
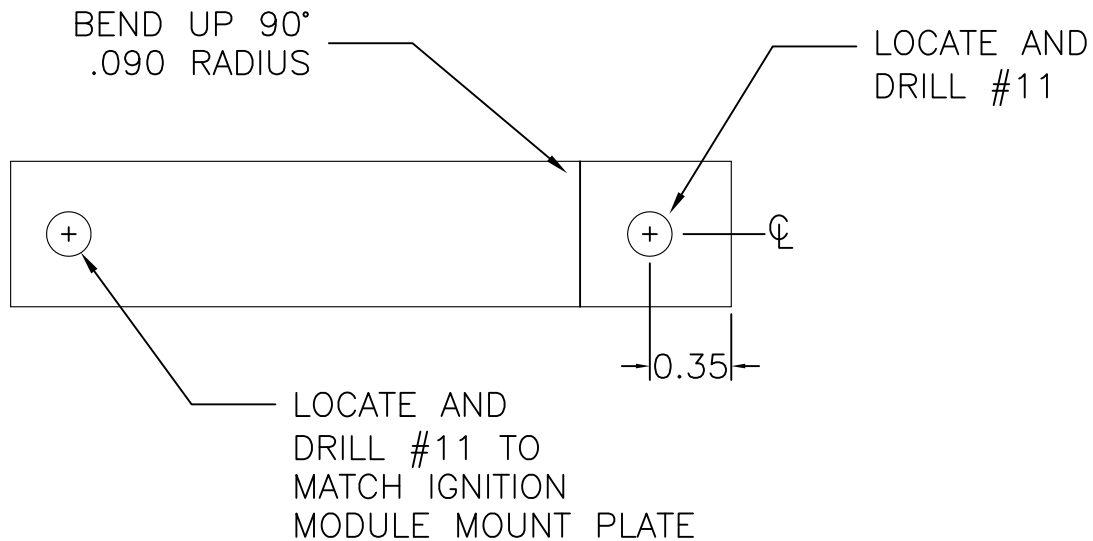


RAM S-21 OUTBOUND
TITAN X-340

IGNITION MODULE MOUNT INSTALLATION
FIGURE 11-05/ TITAN340

MD5575
REV. -- ORIG

MODIFY KPES0036



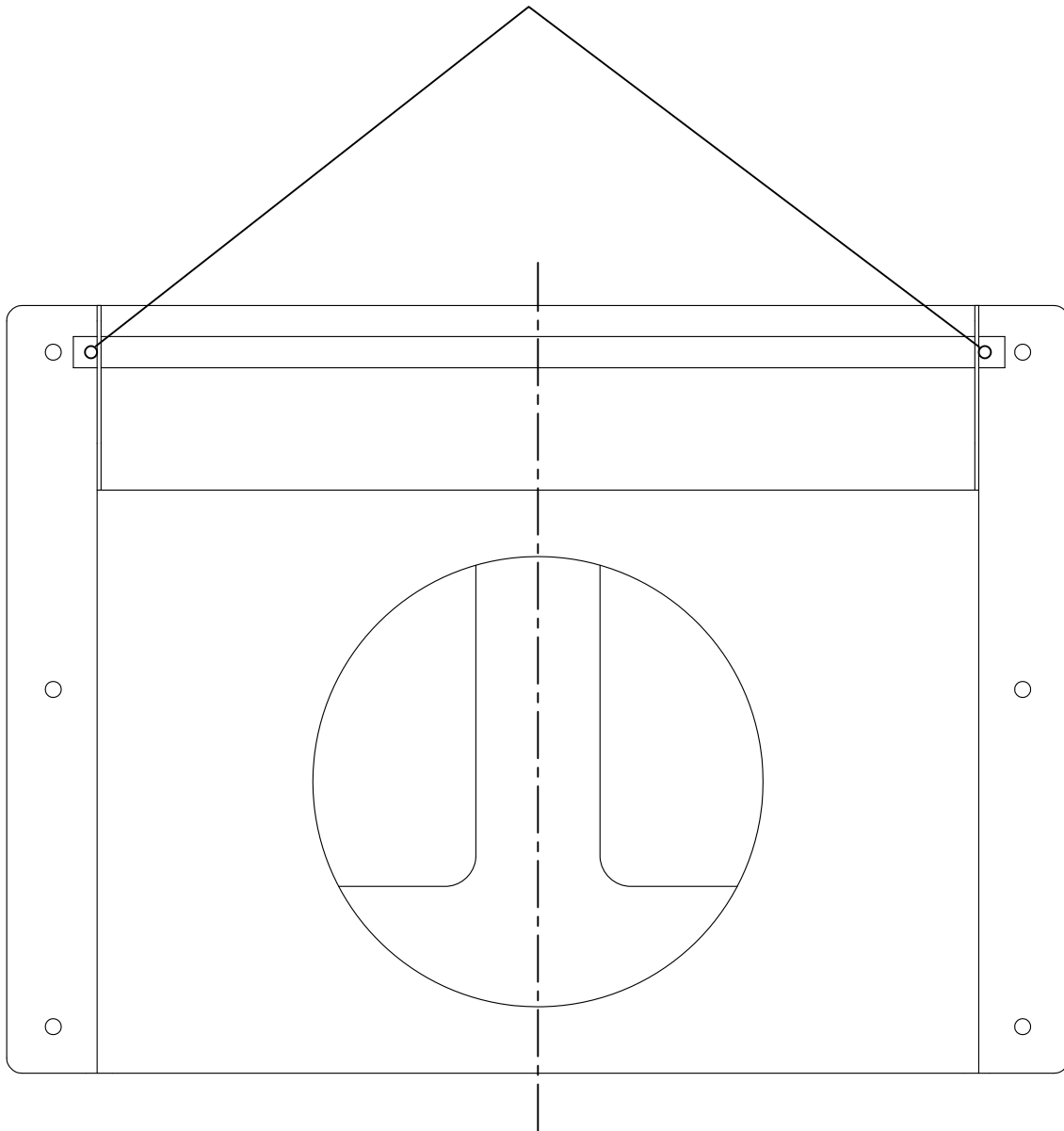
**RANS S-21 OUTBOUND
TITAN X-340**

MD5575
REV. — ORIG

**AFT IGNITION BRACKET BRACE FABRICATION
FIGURE 11-06/TITAN340**

09/11/2018

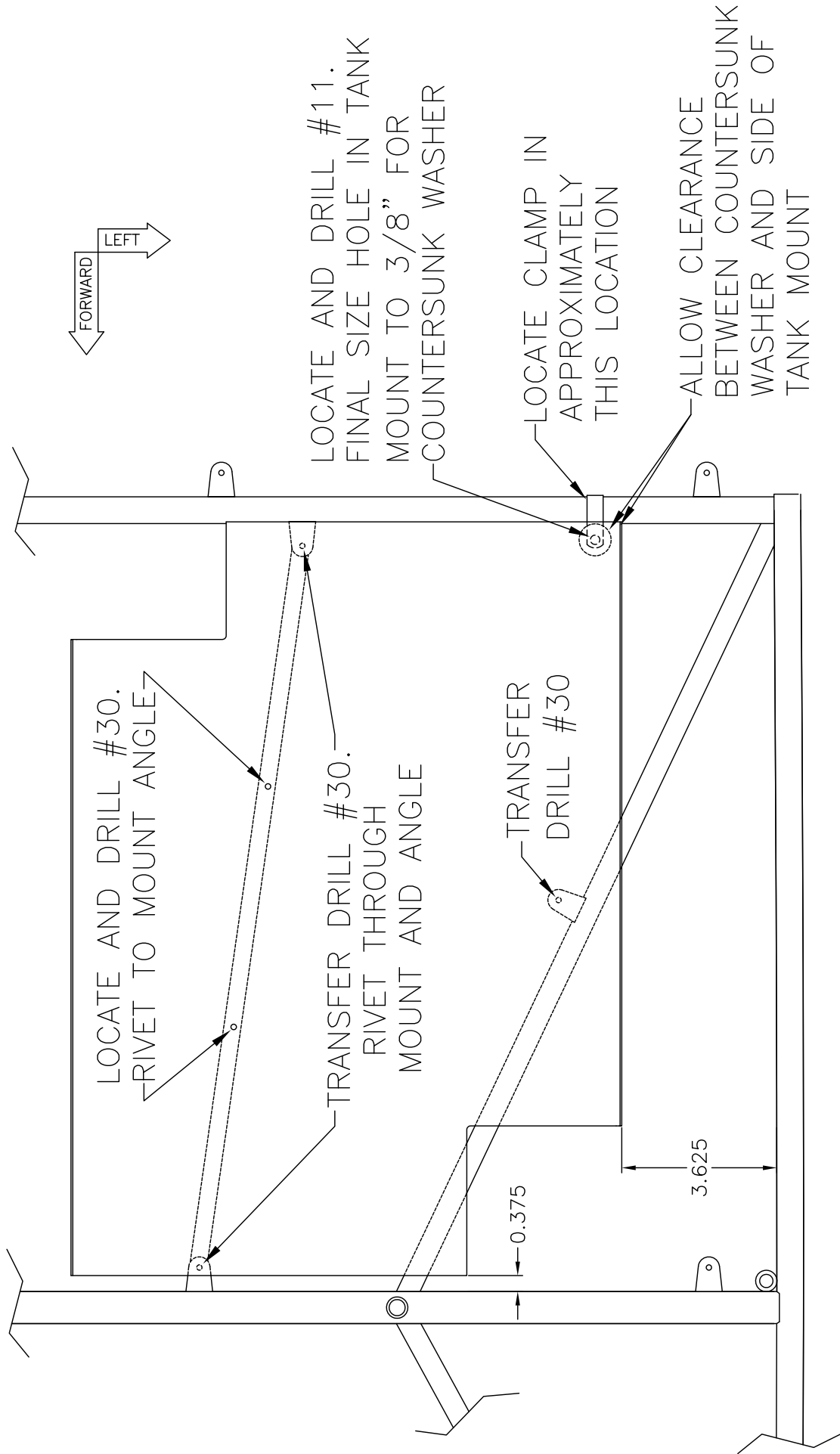
CENTER BATTERY BAR AND DRILL #40
AS NECESSARY



**RANS S-21 OUTBOUND
TITAN X-340
BATTERY BAR MODIFICATION
FIGURE 11-07/TITAN340**

MD5468
REV. — ORIG

09/11/2018

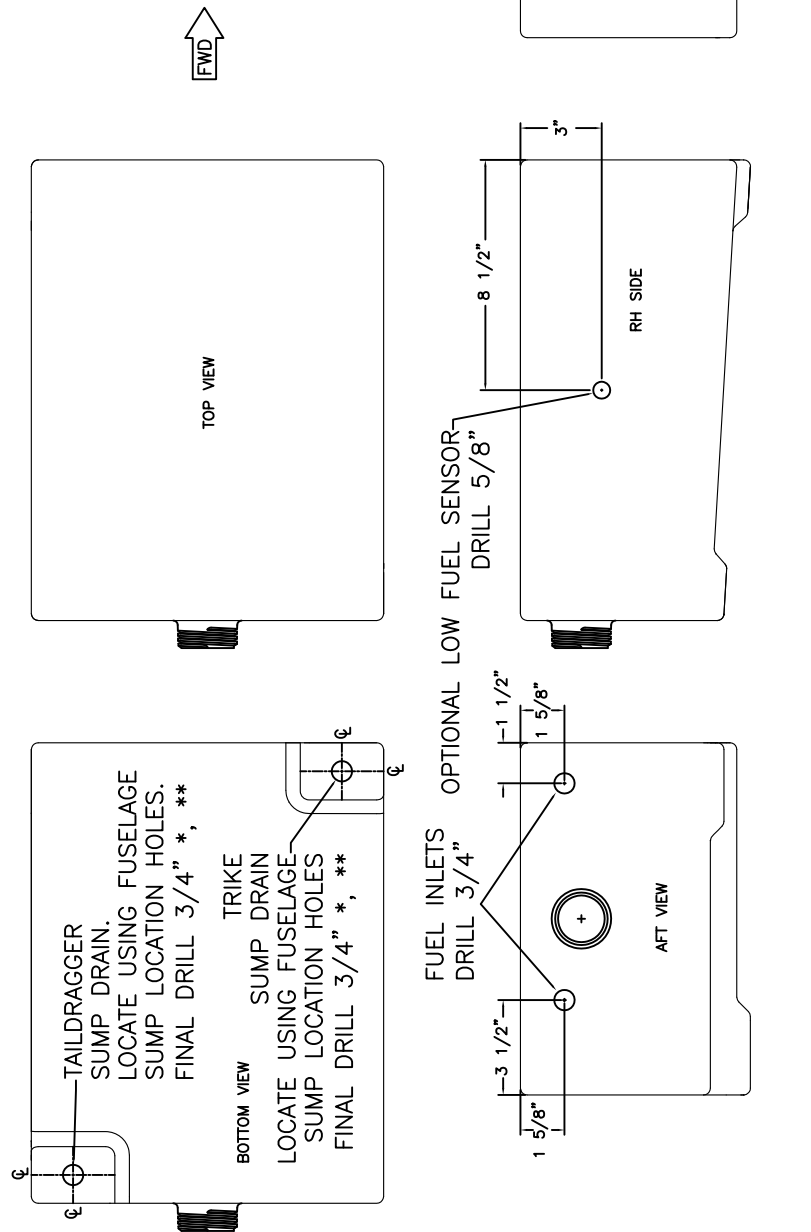


RRM S-21 OUTBOUND
TITAN X-340
6.9 GALLON HEADER TANK MOUNT
FIGURE 11-08/TITAN340

MD5616
 REV. - ORIG

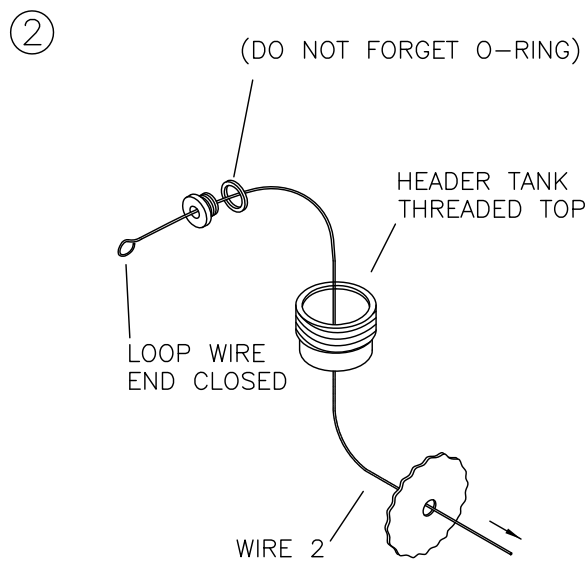
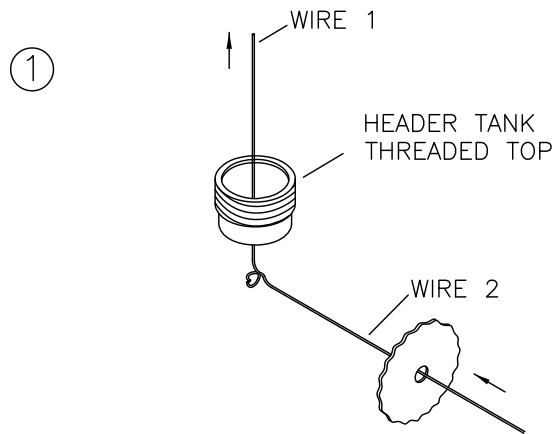
* IF POSSIBILITY OF CONVERTING FROM EITHER TRIKE OR TAILDRAGGER, YOU MAY WISH TO INSTALL BOTH TRIKE AND TAILDRAGGER SUMP DRAINS.

** SUMP DRAIN SHOULD BE LOCATED IN APPROXIMATELY THIS AREA WHEN FINAL DRILLED AND INSTALLED.



MD2861
REV. A

**RRR S-21 OUTBOUND
TITAN X-340**
6.9 GALLON HEADER TANK MODIFICATION
FIGURE 11-09/TITAN340



③ INSTALL RUBBER WASHER, STEEL WASHER, LOCTITE, AND NUT.

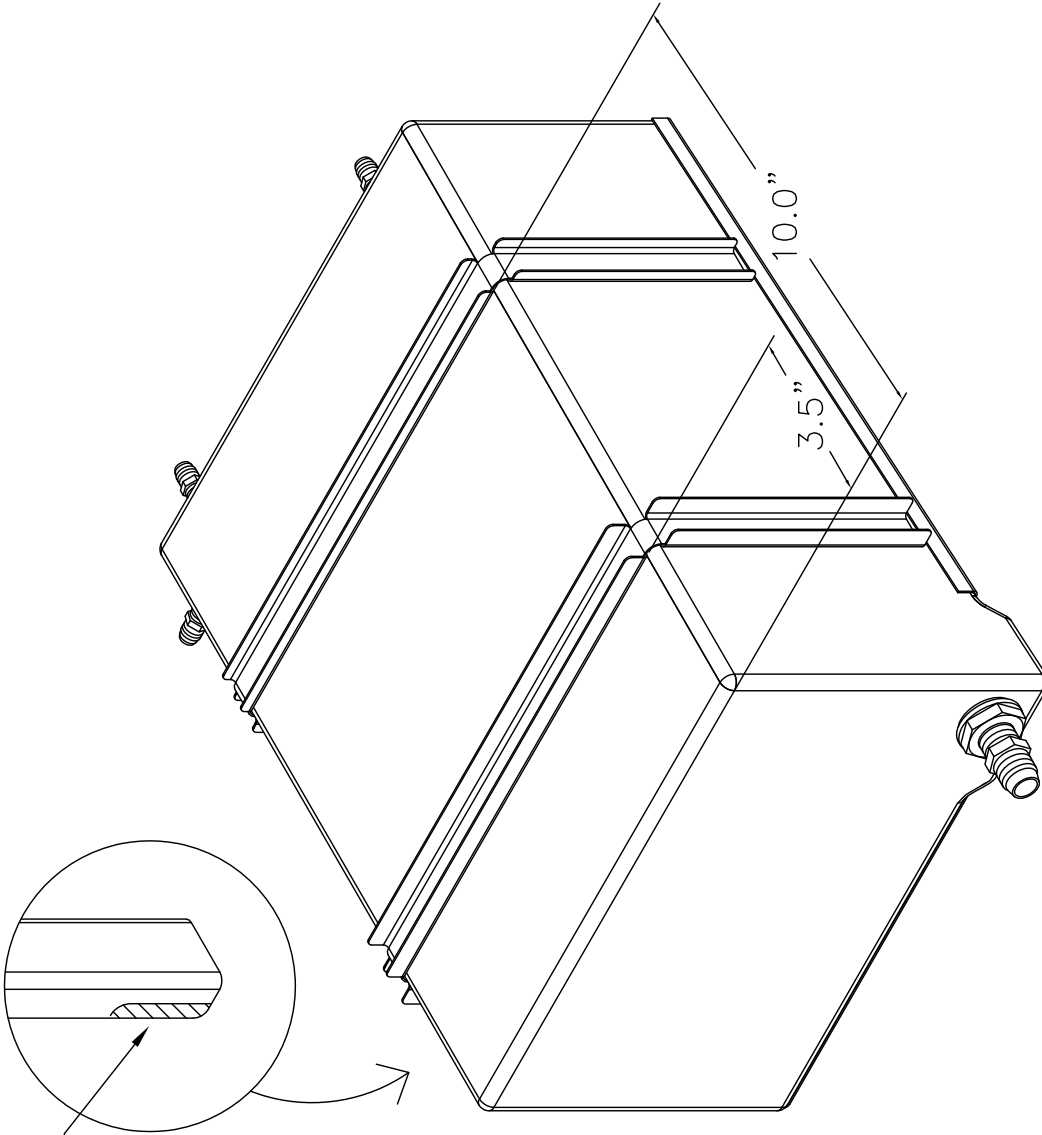
④ REMOVE WIRE.

**RANS S-21 OUTBOUND
TITAN X-340
HEADER TANK FITTING INSTALLATION
FIGURE 11-10/TITAN340**

MD4832
REV. — ORIG

09/11/2018

TRIM INBOARD SECTION
OF MOUNT CHANNEL
AS REQUIRED TO
CLEAR RUDDER CABLE

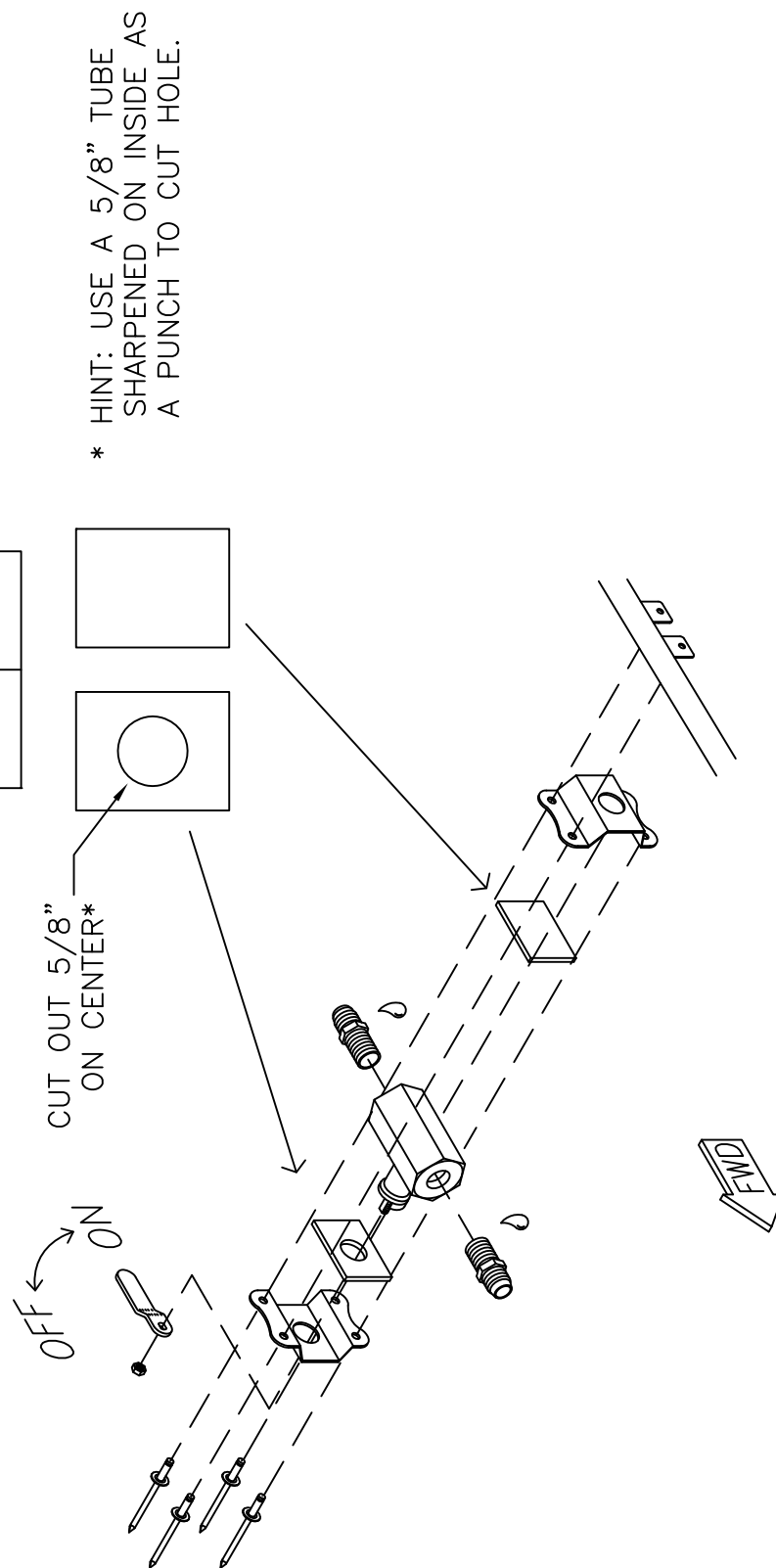


RRF S-21 OUTBOUND
TITAN X-340
6.9 GALLON HEADER TANK
MOUNT CHANNEL LOCATION
FIGURE 11-11/TITAN340

MD5616
REV. - ORIG

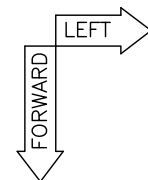
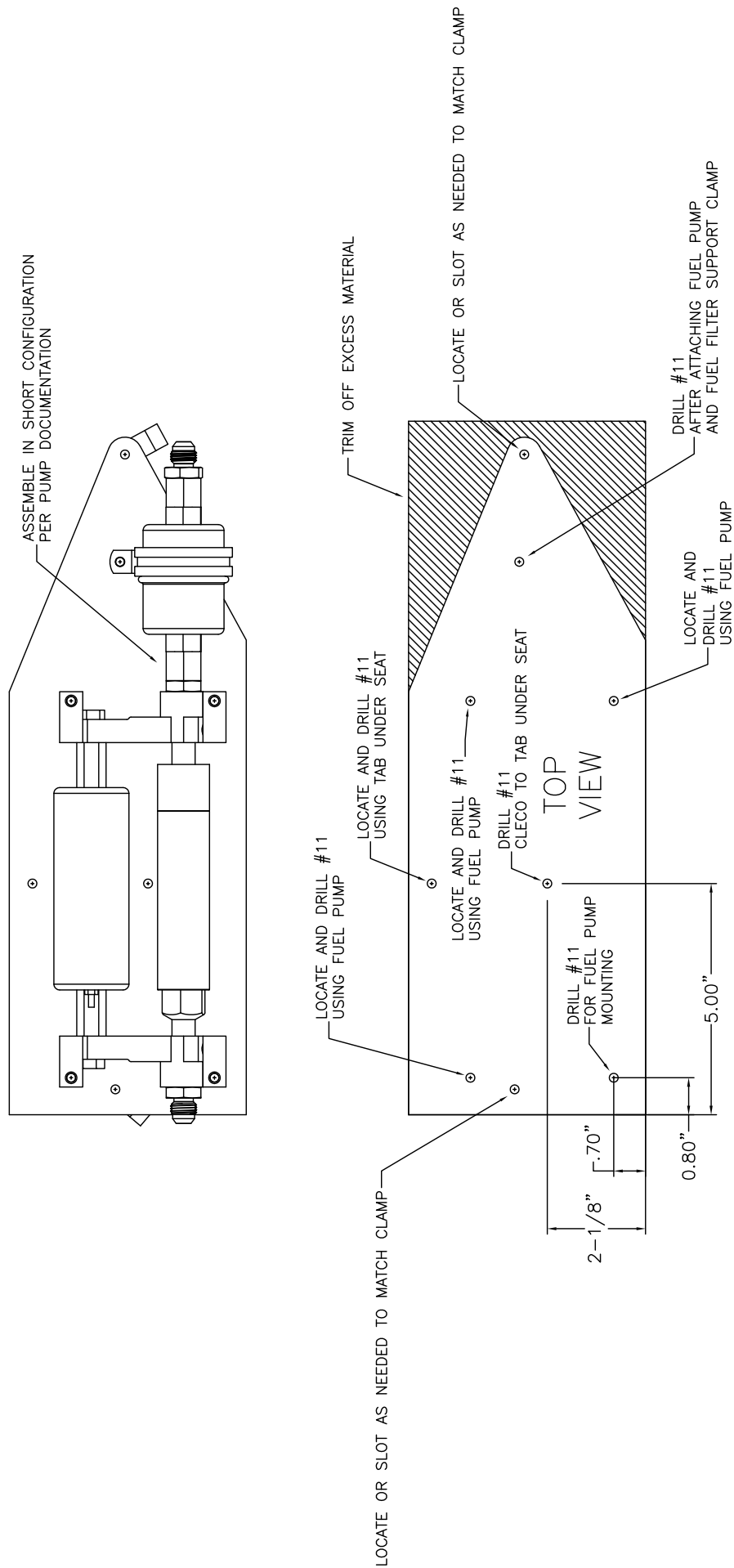
FUEL VALVE
SILICONE PAD
(KPFS0106)

CUT INTO 2 PIECES
ON CENTERLINE



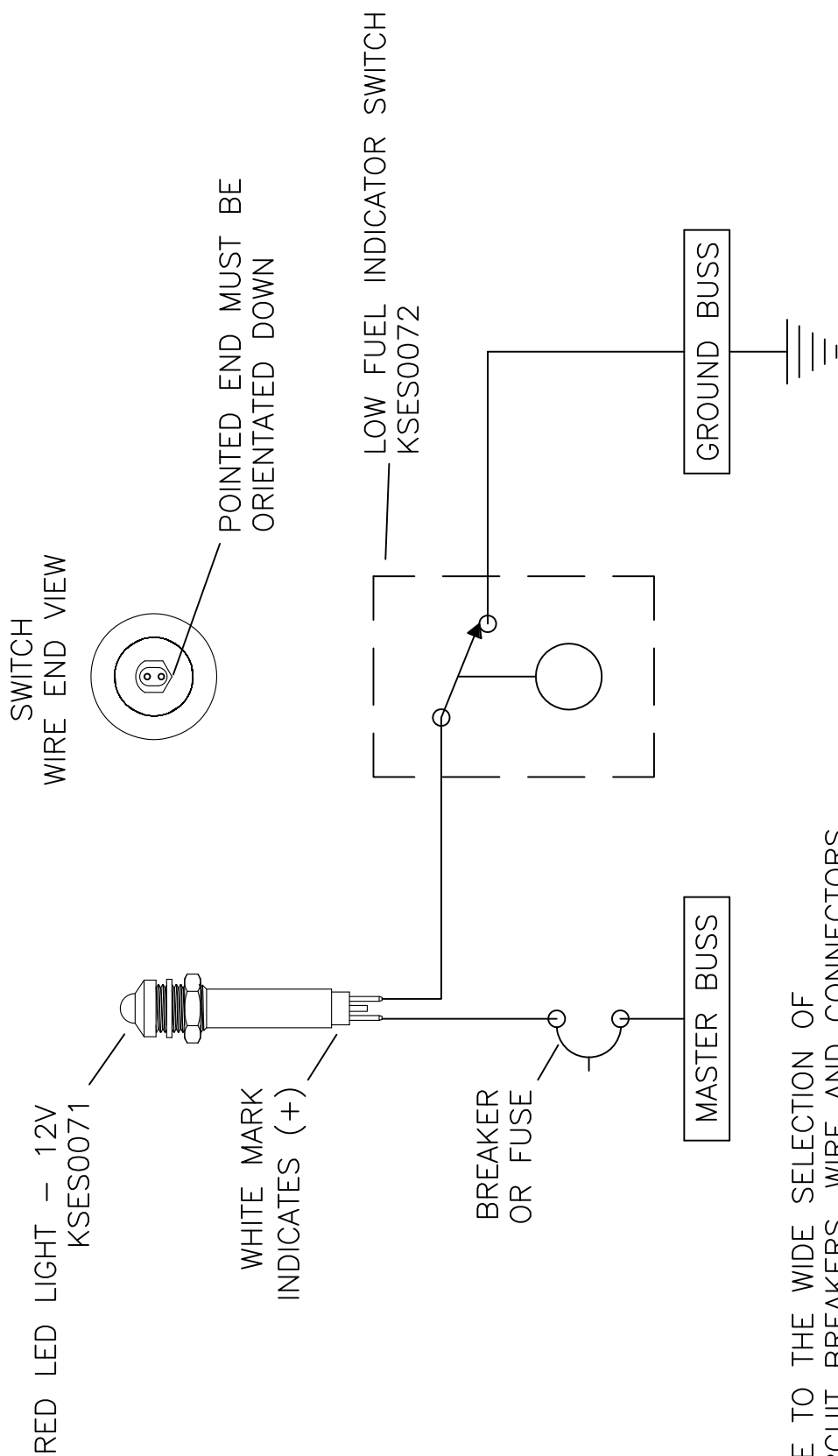
MD4388
REV. — ORIG

RAMS S-21 OUTBOUND
TITAN X-340
FUEL VALVE MOUNTING
FIGURE 11-13/TITAN340



RAMS S-21 OUTBOUND
TITAN X-340
ELECTRIC FUEL PUMP MOUNTING
PLATE MODIFICATION
FIGURE 11-14/TITAN340

MD5616
 REV. ORIG



DUE TO THE WIDE SELECTION OF
CIRCUIT BREAKERS, WIRE AND CONNECTORS
WHICH MAY BE USED TO CUSTOMIZE YOUR
AIRCRAFT. THESE ITEMS ARE "BUILDER SUPPLIED"

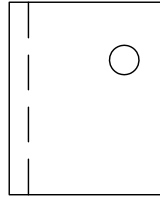
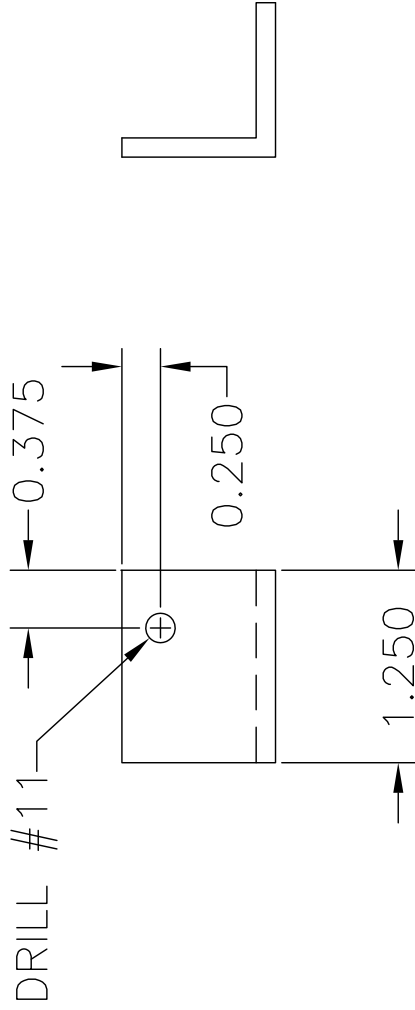
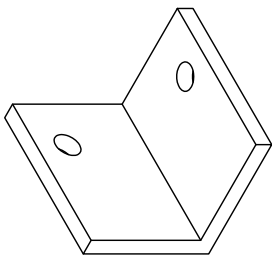
RAMS S-21 OUTBOUND

TITAN X-340

LOW FUEL WARNING SYSTEM WIRING

FIGURE 11-15/TITAN340

MD2861
REV. - ORIG



DRILL BOTH FLANGES OF ANGLE
FABRICATE QUANTITY 2

RRR S-21 OUTBOUND
TITAN X-340
THROTTLE & MIXTURE RETAINER ANGLE MODIFICATION
FIGURE 11-16/TITAN340

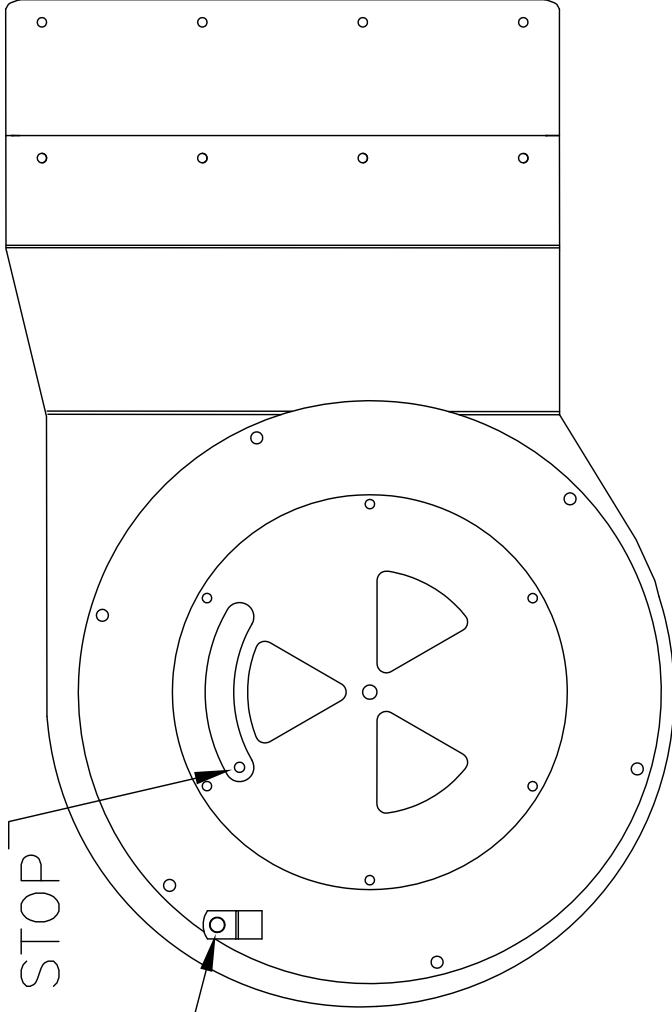
MD5616
REV. ORIG

LOCATION OF CABLE

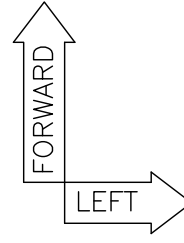
SWIVEL STOP

LOCATION OF

1 / 4" CLAMP



AIRBOX WITH ALTERNATE AIR
VALVE "OPEN"
SHOWN FROM BELOW



RRR S-21 OUTBOUND

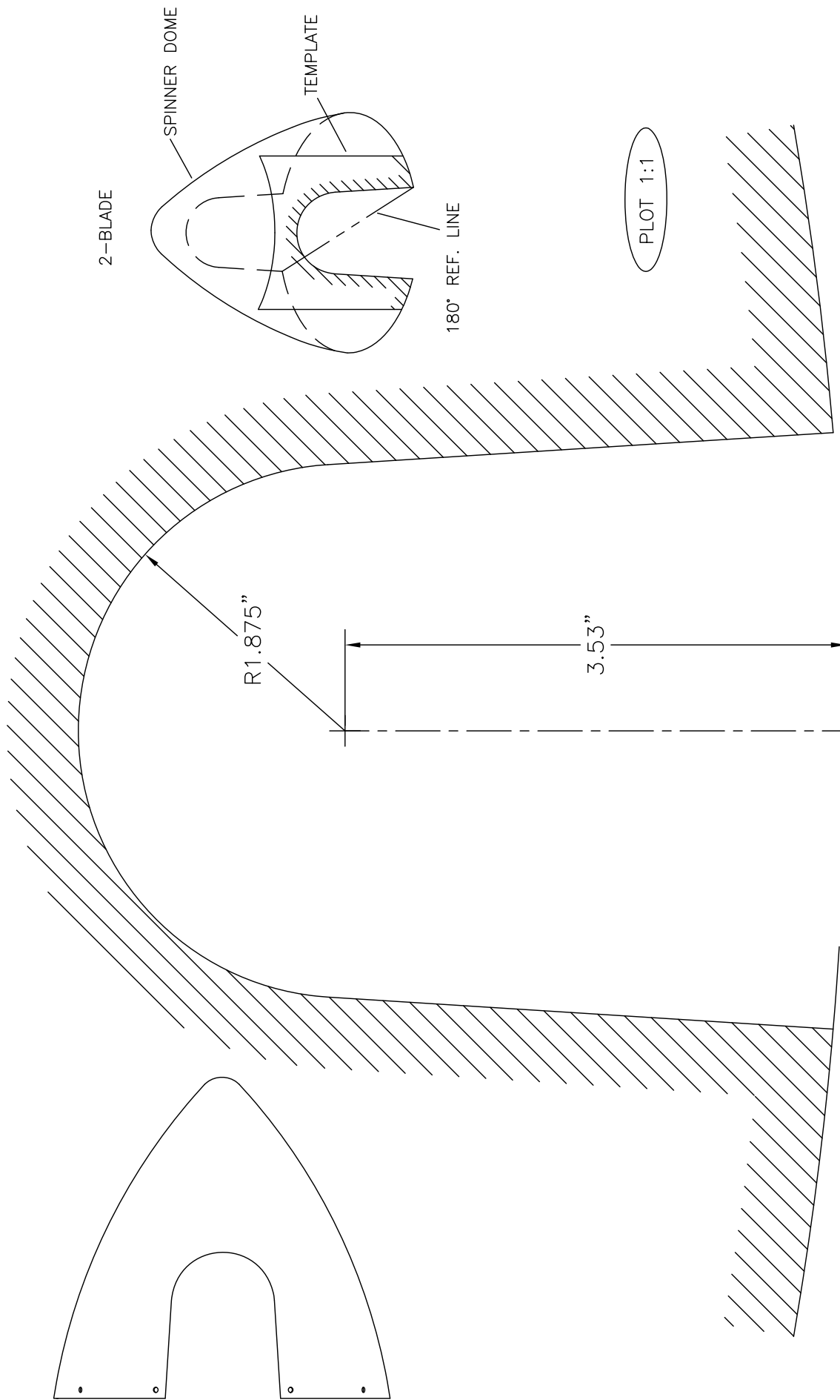
TITAN X-340

AIRBOX FILTER COVER AND

ALTERNATE AIR VALVE ORIENTATION

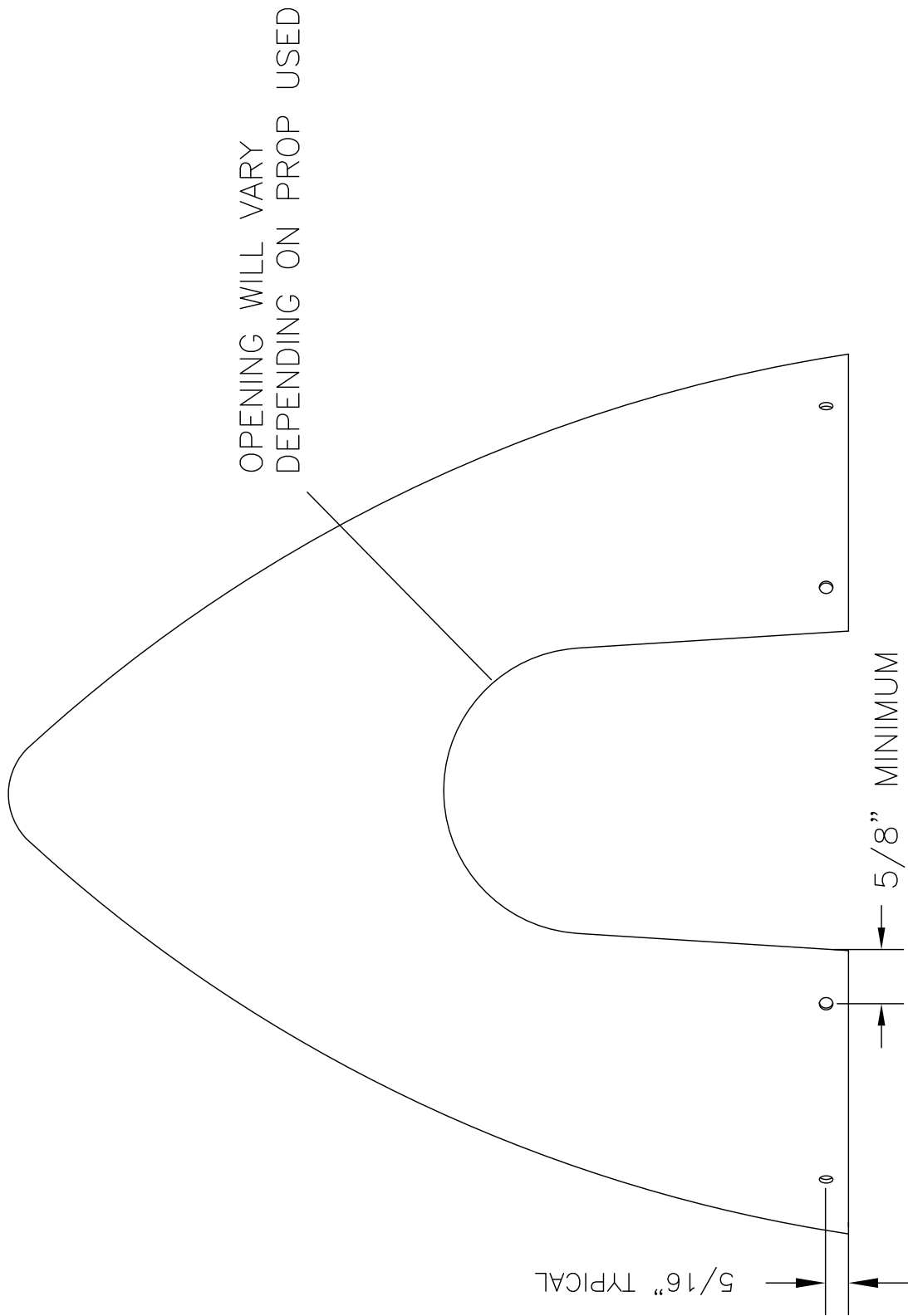
FIGURE 11-17/TITAN340

MD5616
REV. ORIG



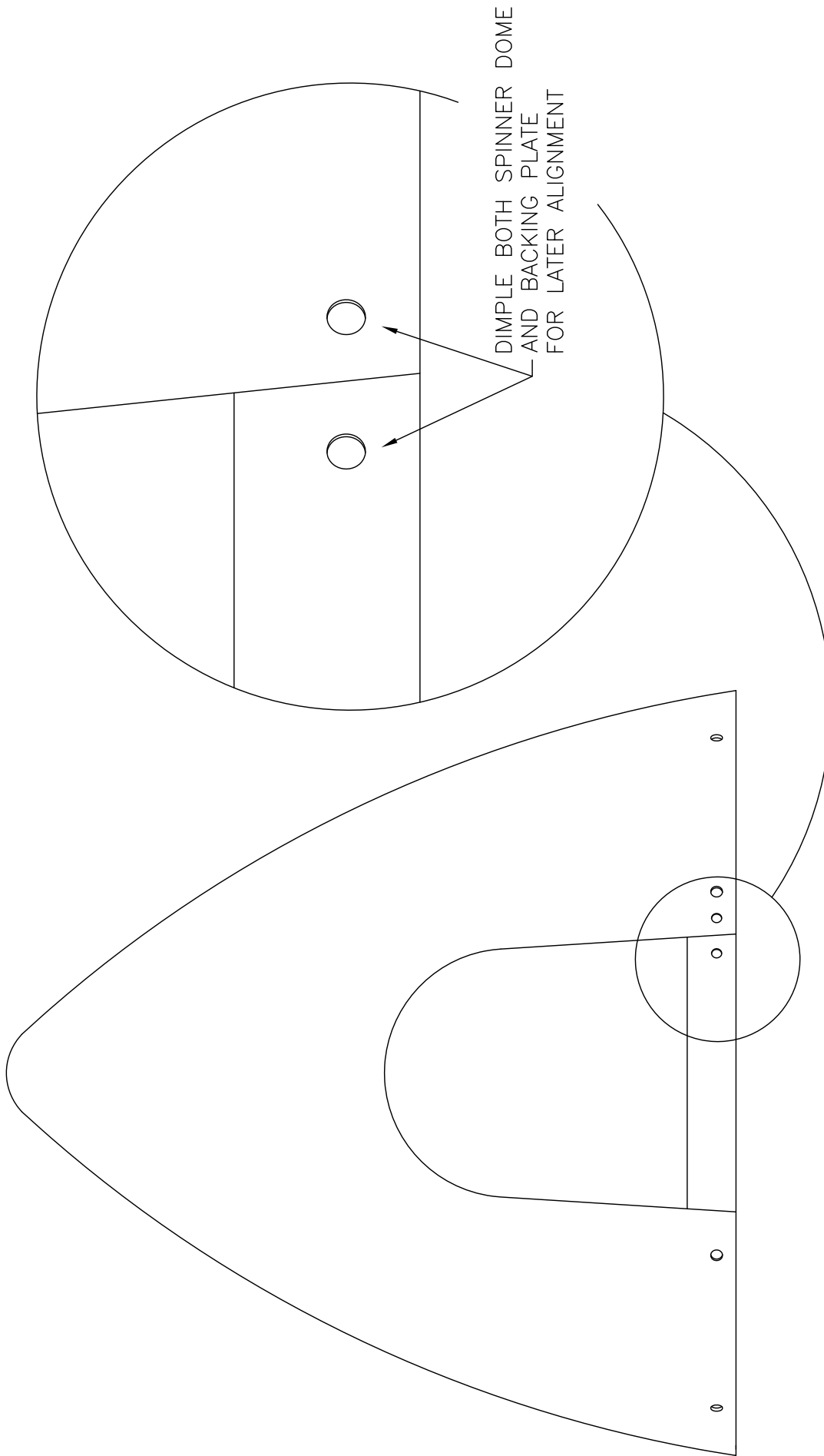
MD5228
REV. - ORIG

RAMS S-21 OUTBOUND
TITAN X-340
WHIRL WIND PROP - 13" SPINNER TEMPLATE
FIGURE 11-18/TITAN340



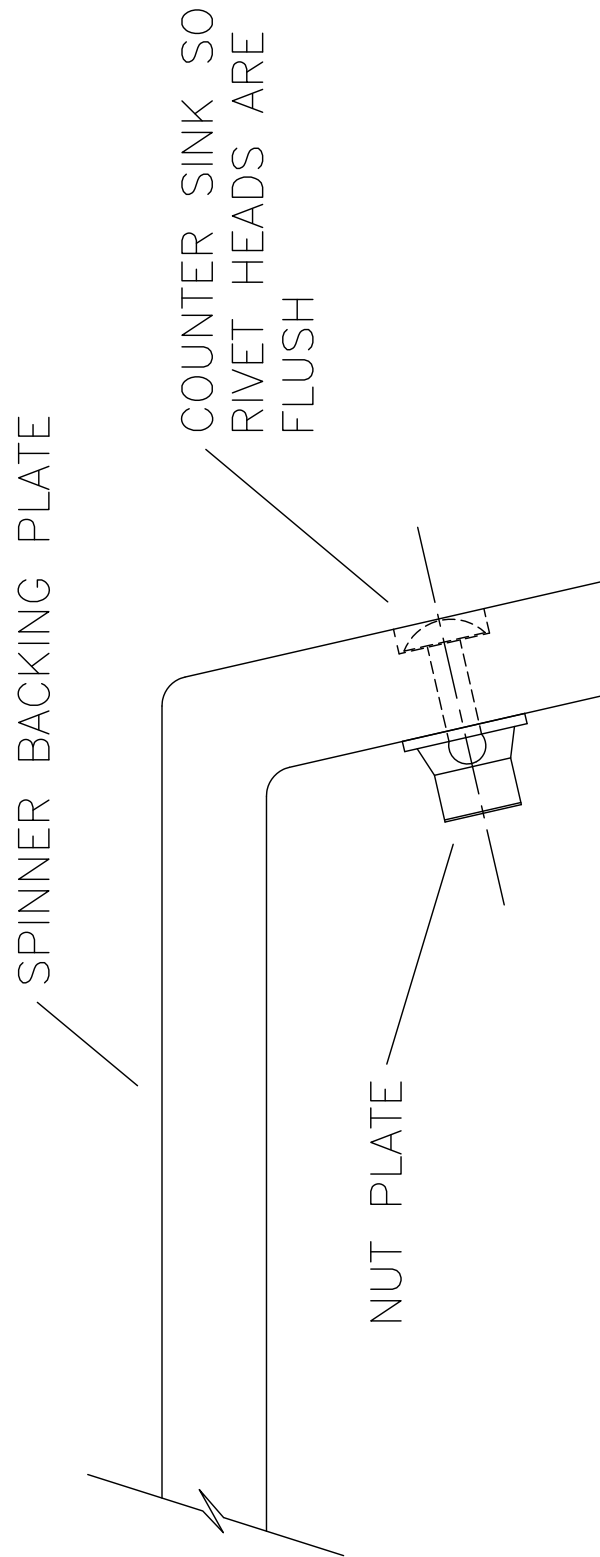
SPINNER S-21 OUTBOUND
TITAN X-340
SPINNER DRILLING
FIGURE 11-19/TITAN340

MD5228
 REV. - ORIG



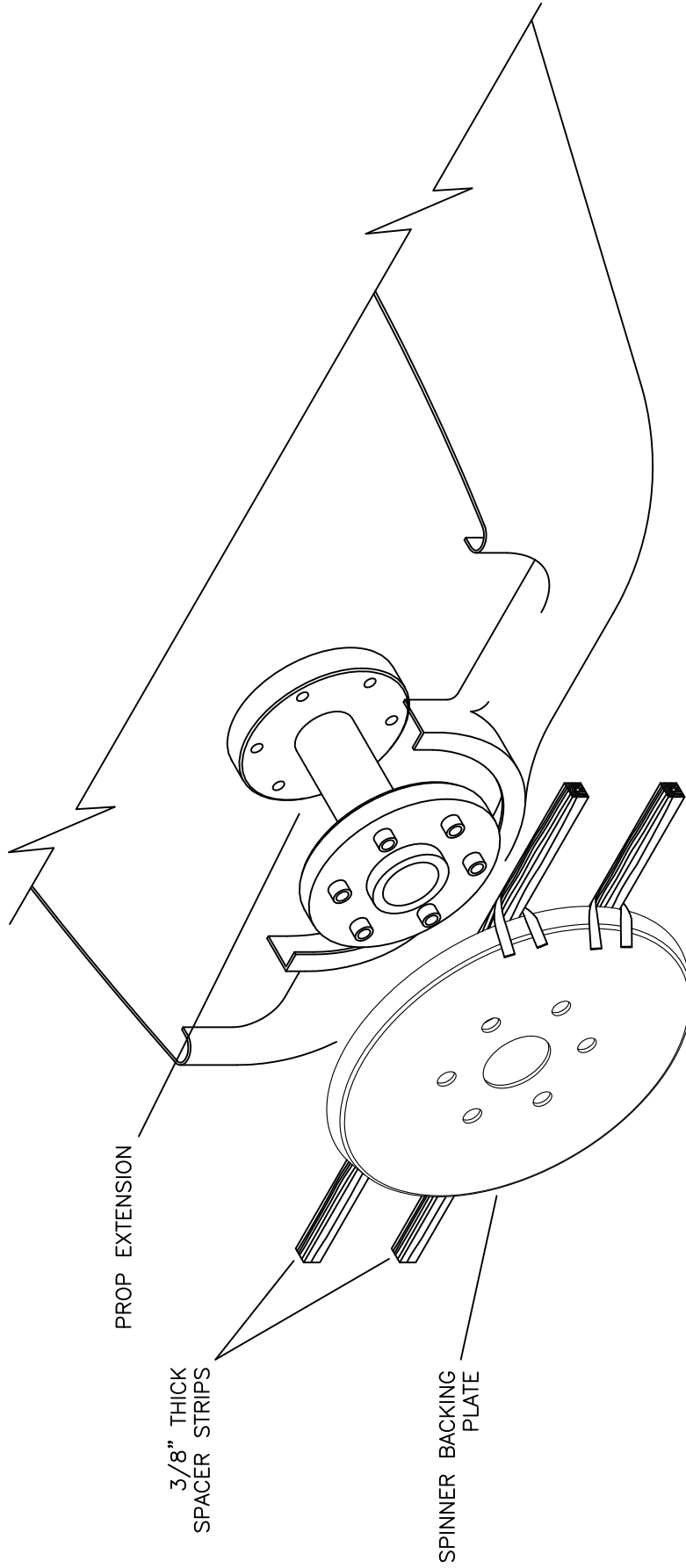
**RRF S-21 OUTBOUND
TITAN X-340
SPINNER ALIGNMENT MARKS
FIGURE 11-20/TITAN340**

MD5228
REV. - ORIG



**RAVEN S-20 RAVEN
TITAN X-340**
SPINNER NUT PLATE INSTALLATION
FIGURE 11-21/TITAN340

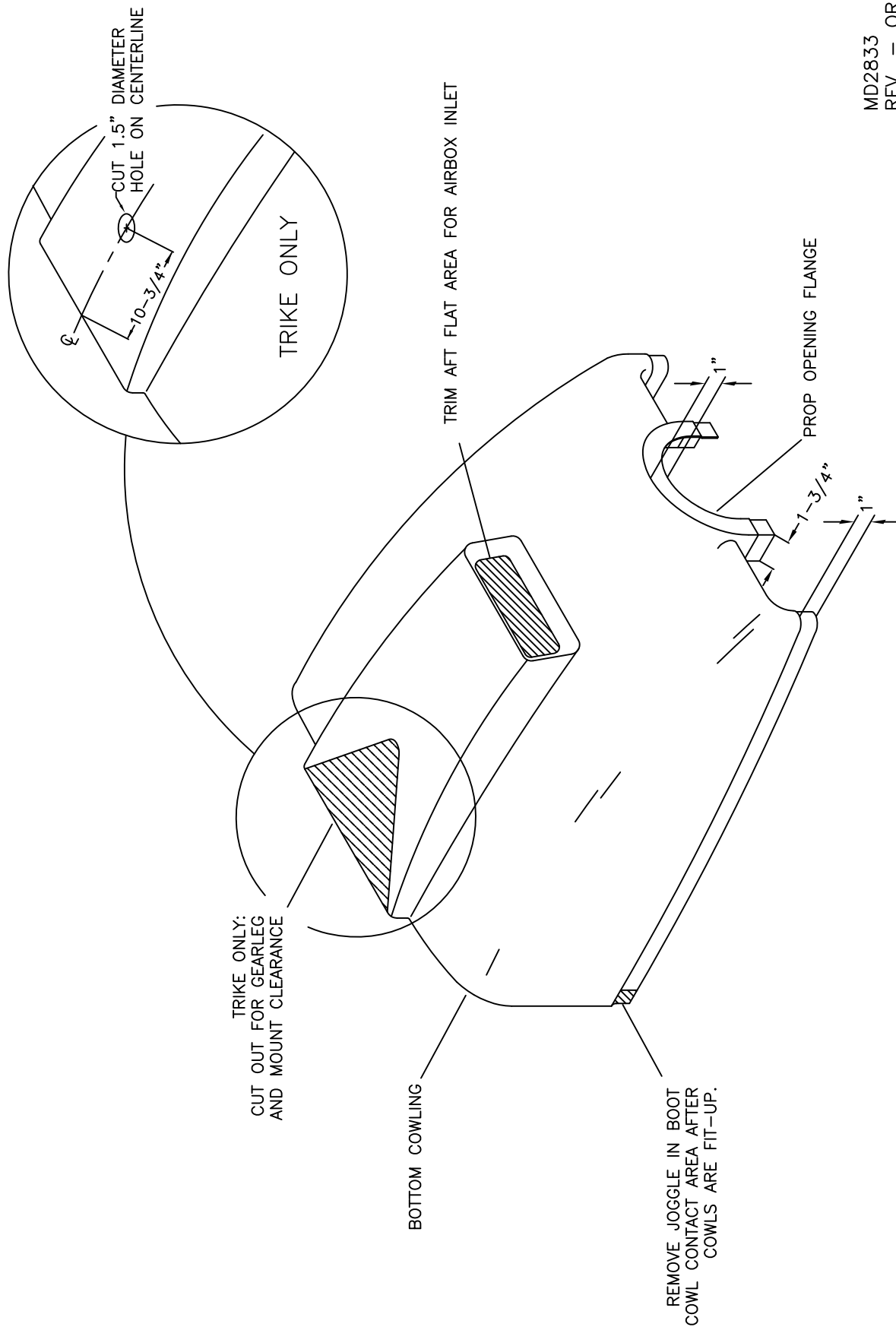
MD5228
REV. – ORIG



IMPORTANT: INSTALLATION OF COWLING REQUIRES ENGINE, STARTER RING, PROP EXTENSION AND SPINNER BACKING PLATE TO BE INSTALLED.

MD4402
REV. - ORIG

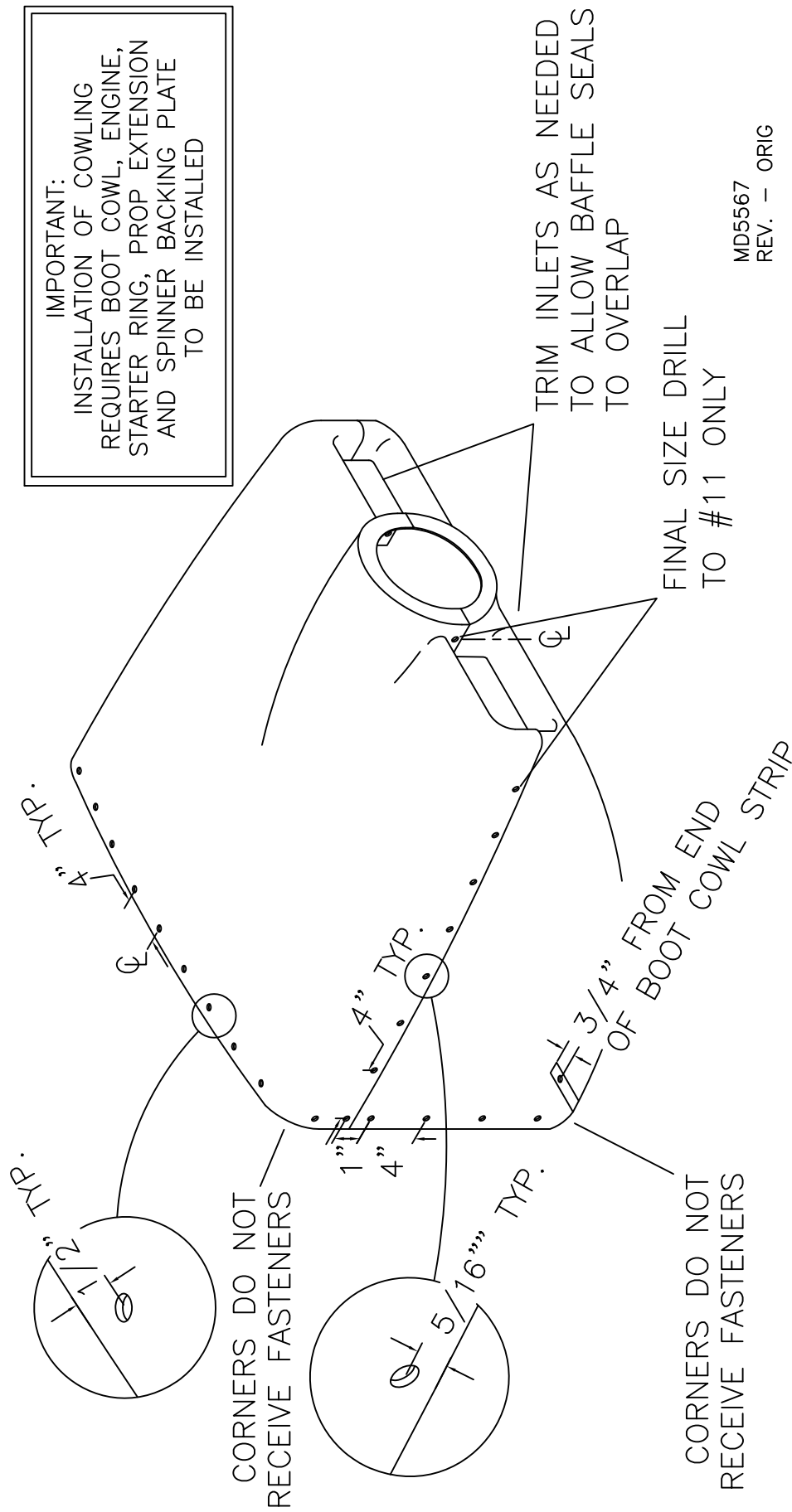
RRR S-21 OUTBOUND
TITAN X-340
COWLING TO SPINNER SPACING
FIGURE 11-22/TITAN340



MD2833
REV. - ORIG

RAMS S-21 OUTBOUND
TITAN X-340
BOTTOM COWLING MODIFICATION
FIGURE 11-23/TITAN340

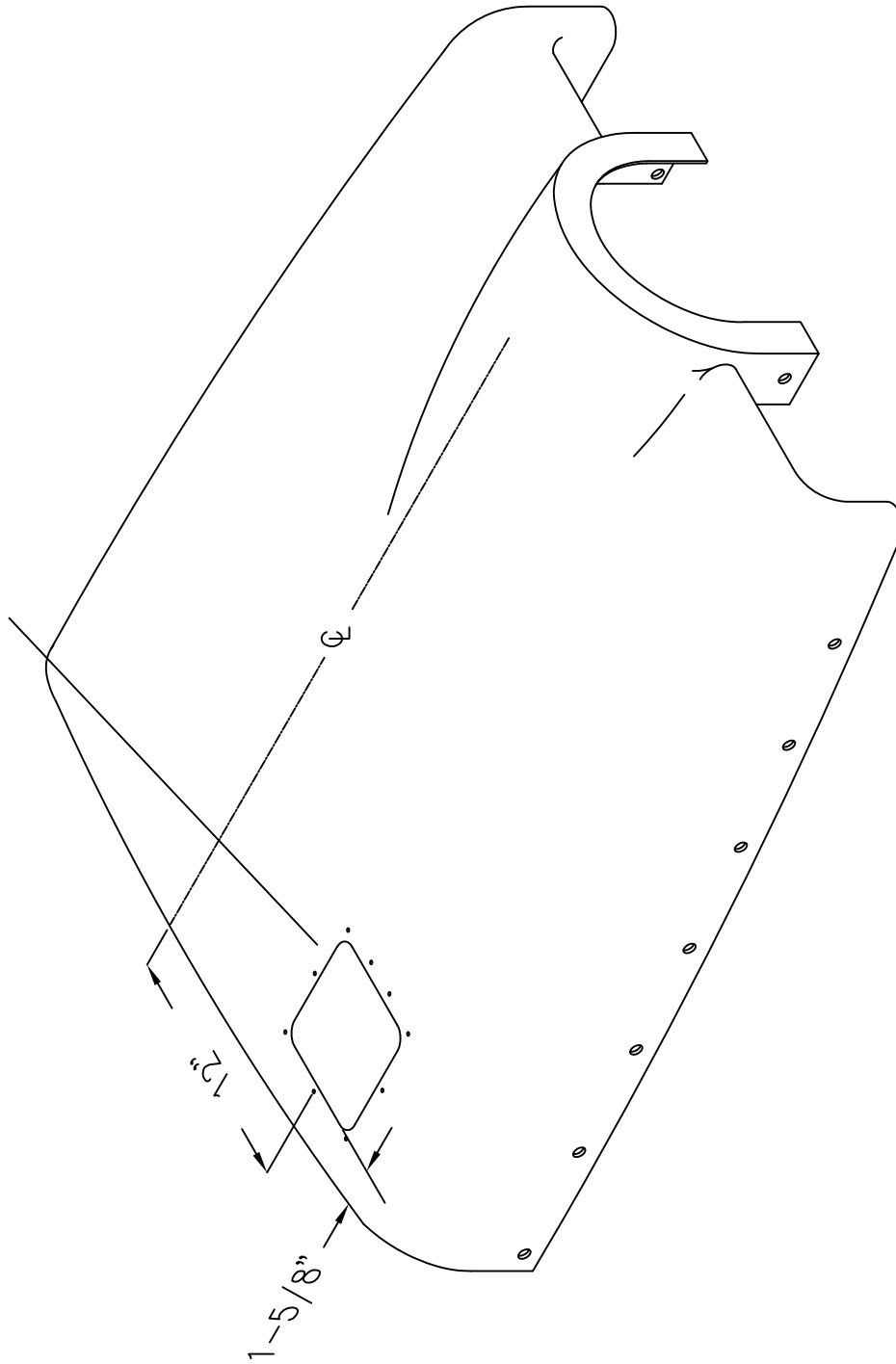
DRILL ALL LOCATIONS #40 FOR FIT-UP.
 THEN, TRANSFER DRILL #11 FOR
 RECEPTACLE RIVET LOCATING.



MD5567
 REV. - ORIG

RRR S-21 OUTBOUND
 TITAN X-340
 COWLING FASTENER LOCATION
 FIGURE 11-24/TITAN340

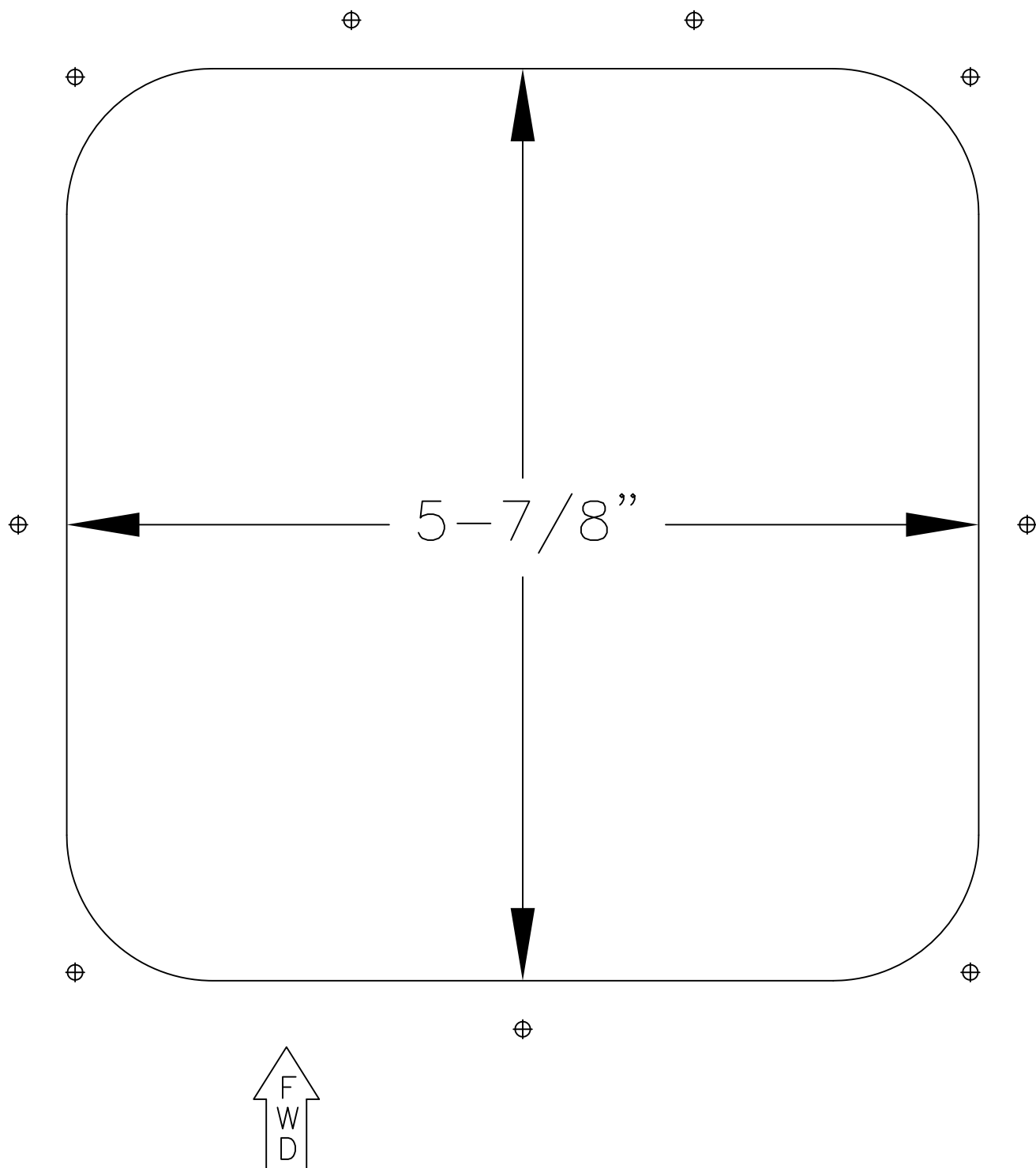
CUT AND DRILL USING 1:1 TEMPLATE.
 TEST FIT WITH OIL DOOR AND OIL DOOR FRAME.
 MAINTAIN SUFFICIENT CLEARANCE FOR PROPER
 OPERATION ONCE PAINTED.



MD4392
 REV. - ORIG

RRR S-21 OUTBOUND
TITAN X-340
OIL DOOR LOCATION
FIGURE 11-25/TITAN340

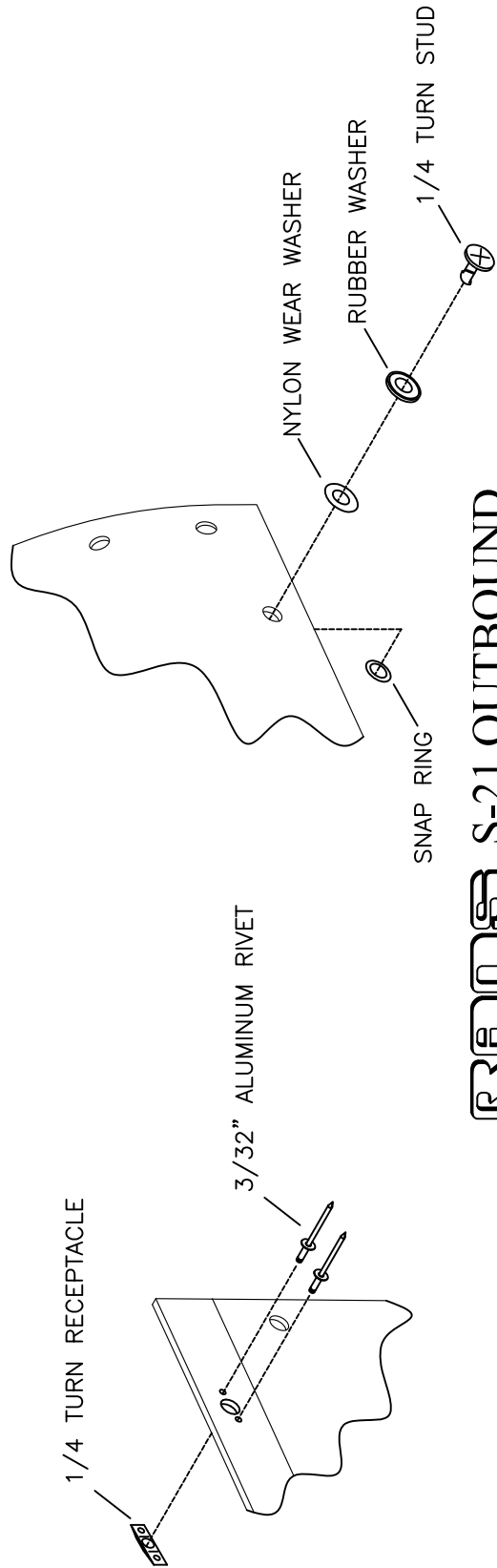
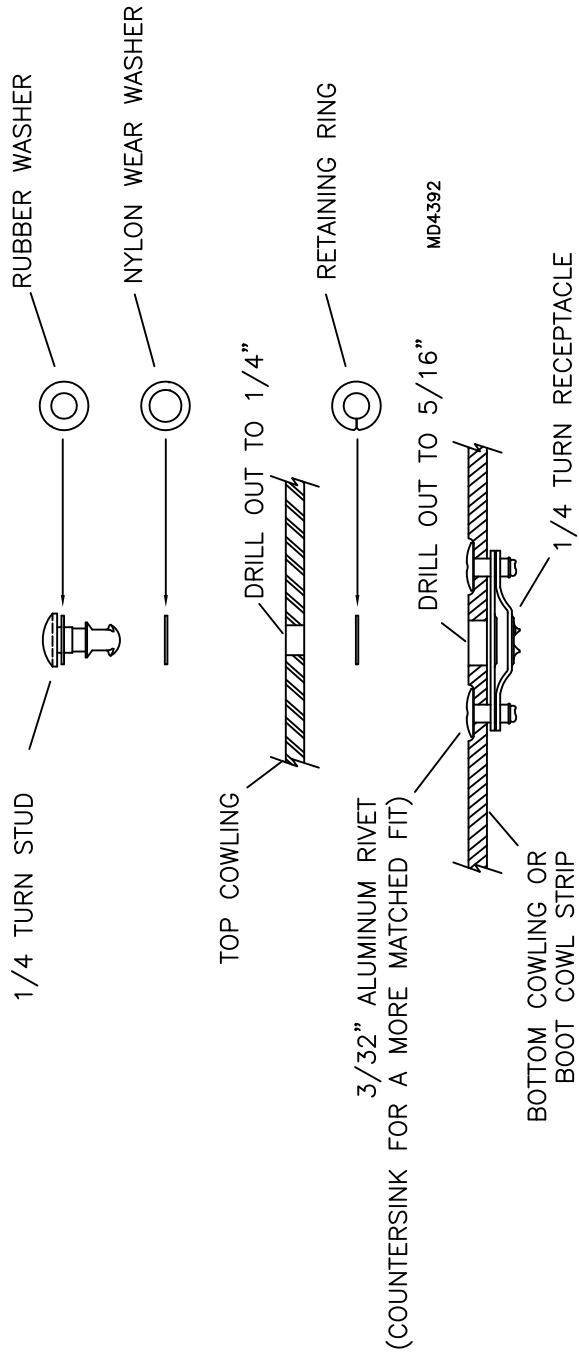
1 TO 1 TEMPLATE



RANS S-21 OUTBOUND
TITAN X-340
OIL CHECK DOOR TEMPLATE
FIGURE 11-26/TITAN340

MD4392
REV. — ORIG

09/11/2018

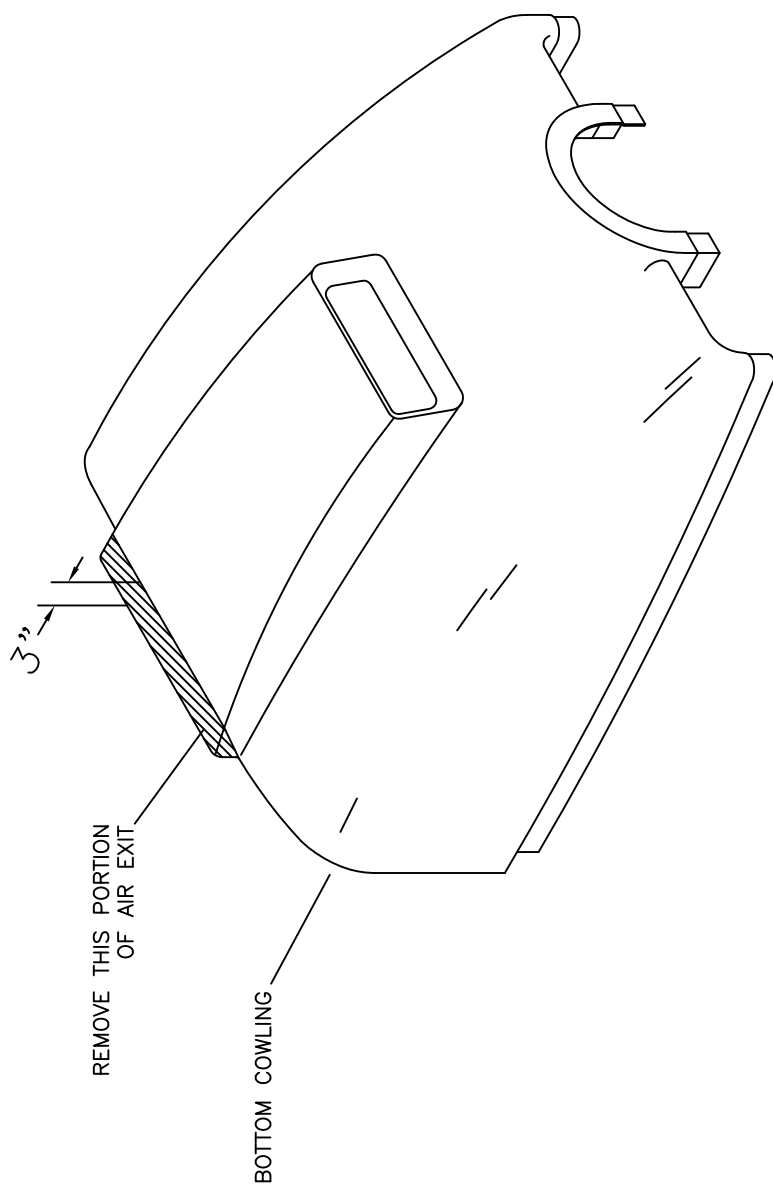


RAMS S-21 OUTBOUND

TITAN X-340

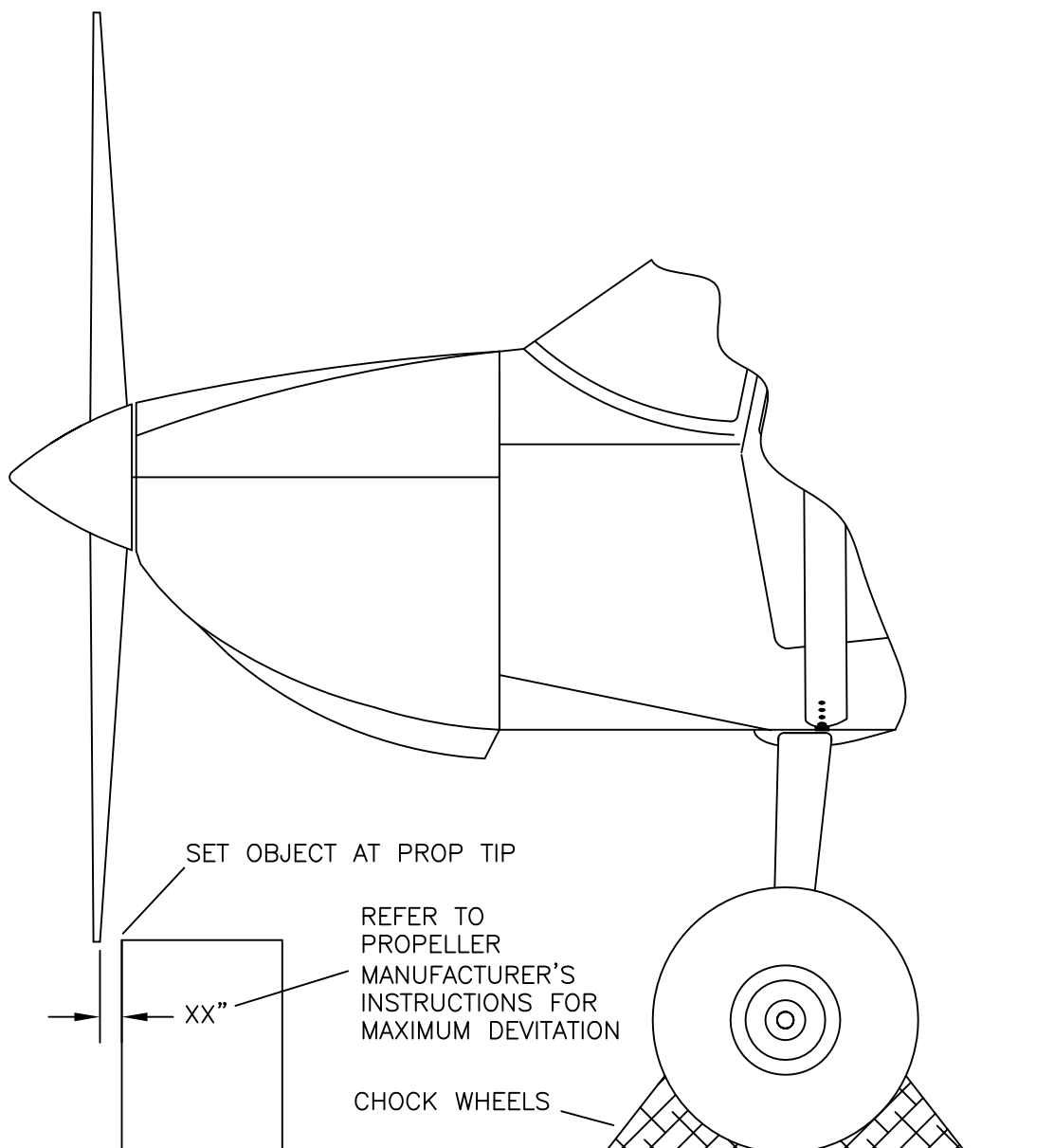
FIGURE 11-27/TITAN340

MD5143
REV. - ORIG



MD2833
REV. - ORIG

**RAMS S-21 OUTBOUND
TITAN X-340**
BOTTOM COWLING MODIFICATION
FIGURE 11-28/TITAN340



IMPORTANT!

RE-CHECK PROPELLER TORQUE PER MANUFACTURE'S RECOMMENDED INSPECTION INTERVAL. FAILURE TO MAINTAIN PROP TORQUE MAY RESULT IN SEPARATION OF THE PROPELLER FROM THE AIRCRAFT AND MAY CAUSE INJURY OR DEATH. REFER TO PROPELLER MANUFACTURER'S INSTRUCTIONS FOR ANY SPECIAL MAINTENANCE REQUIREMENTS.

RANS S-21 OUTBOUND **TITAN X-340** **PROPELLER TRACKING** **FIGURE 11-29/TITAN340**

MD4380
REV. — ORIG

09/11/2018