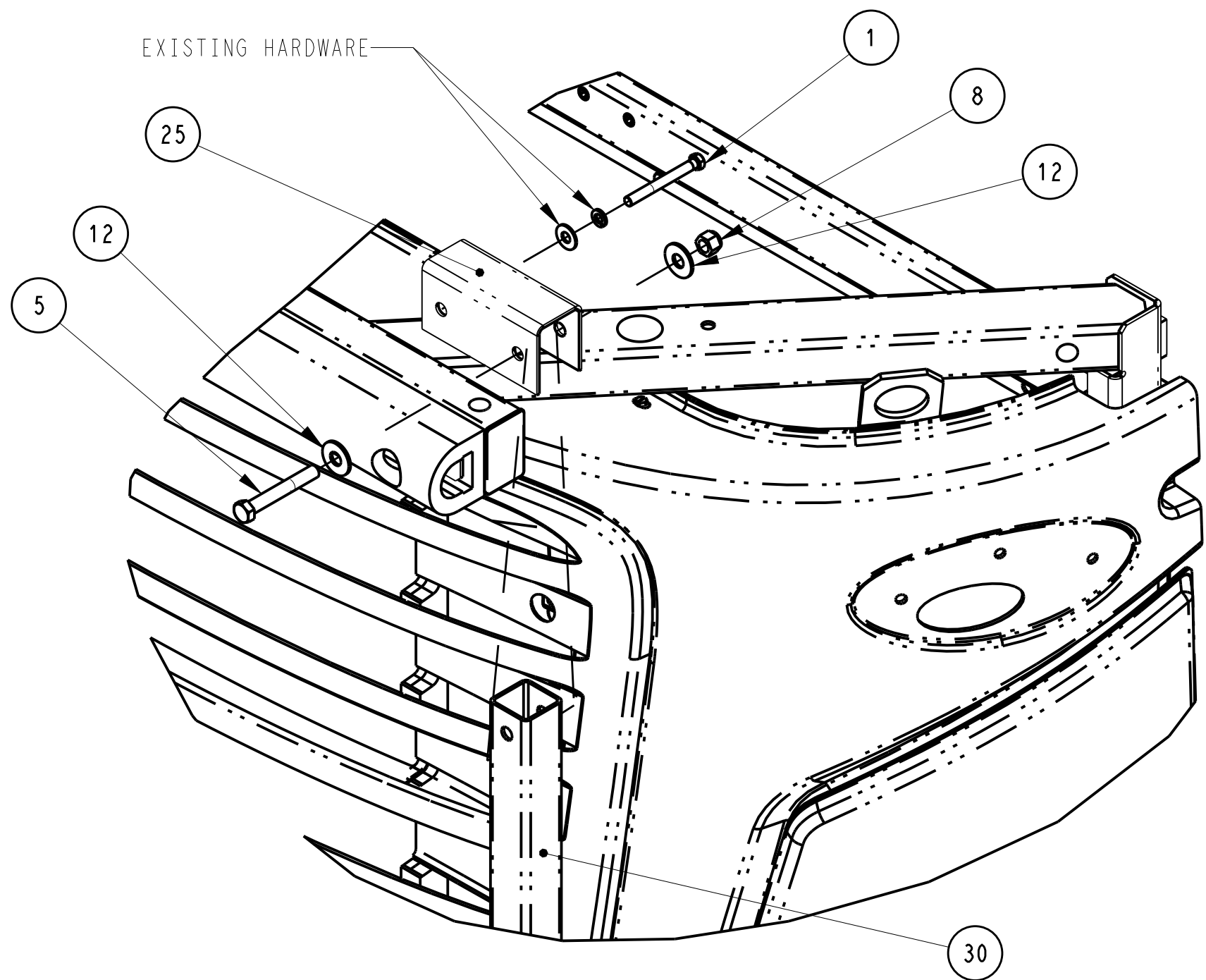
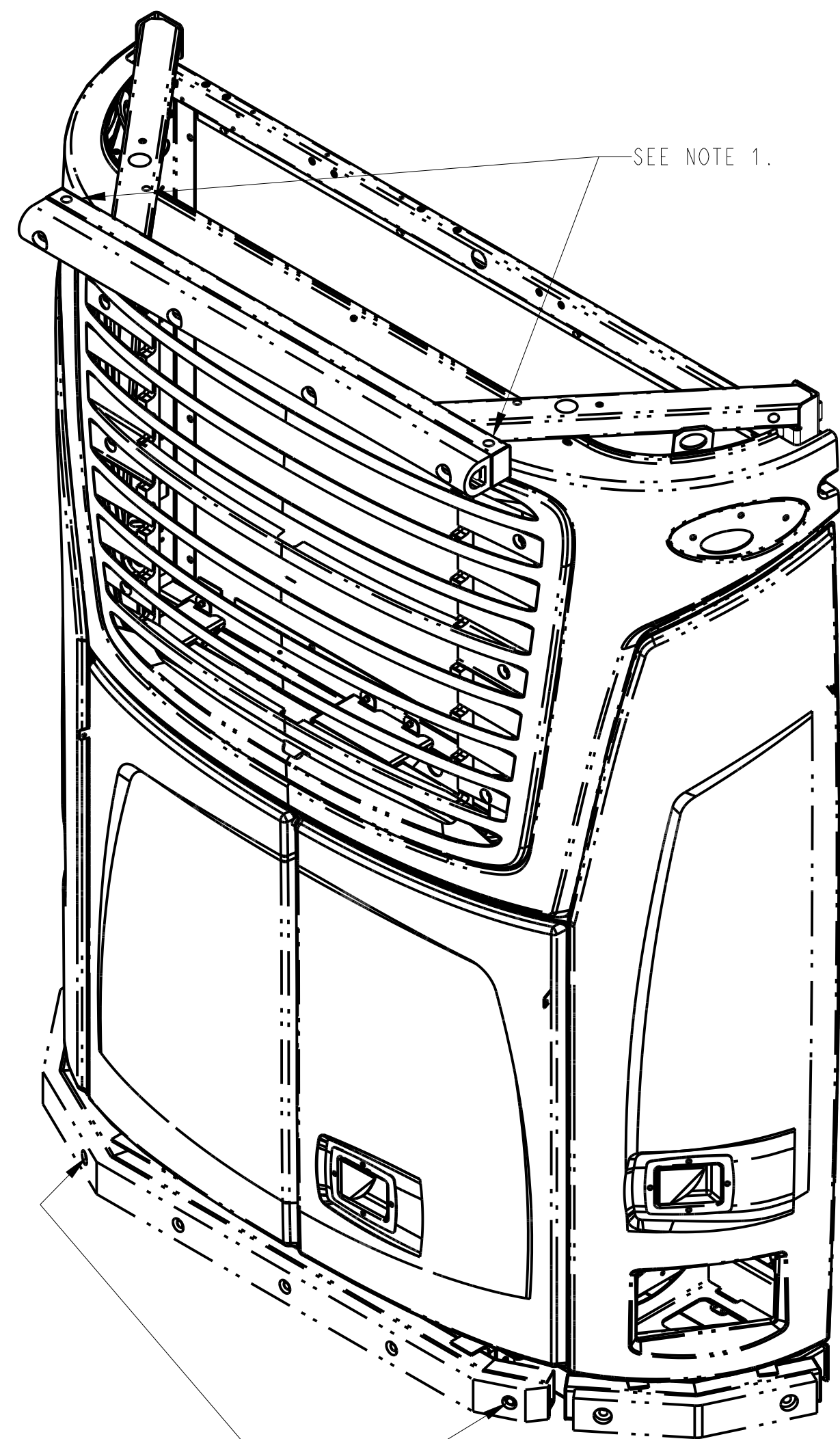
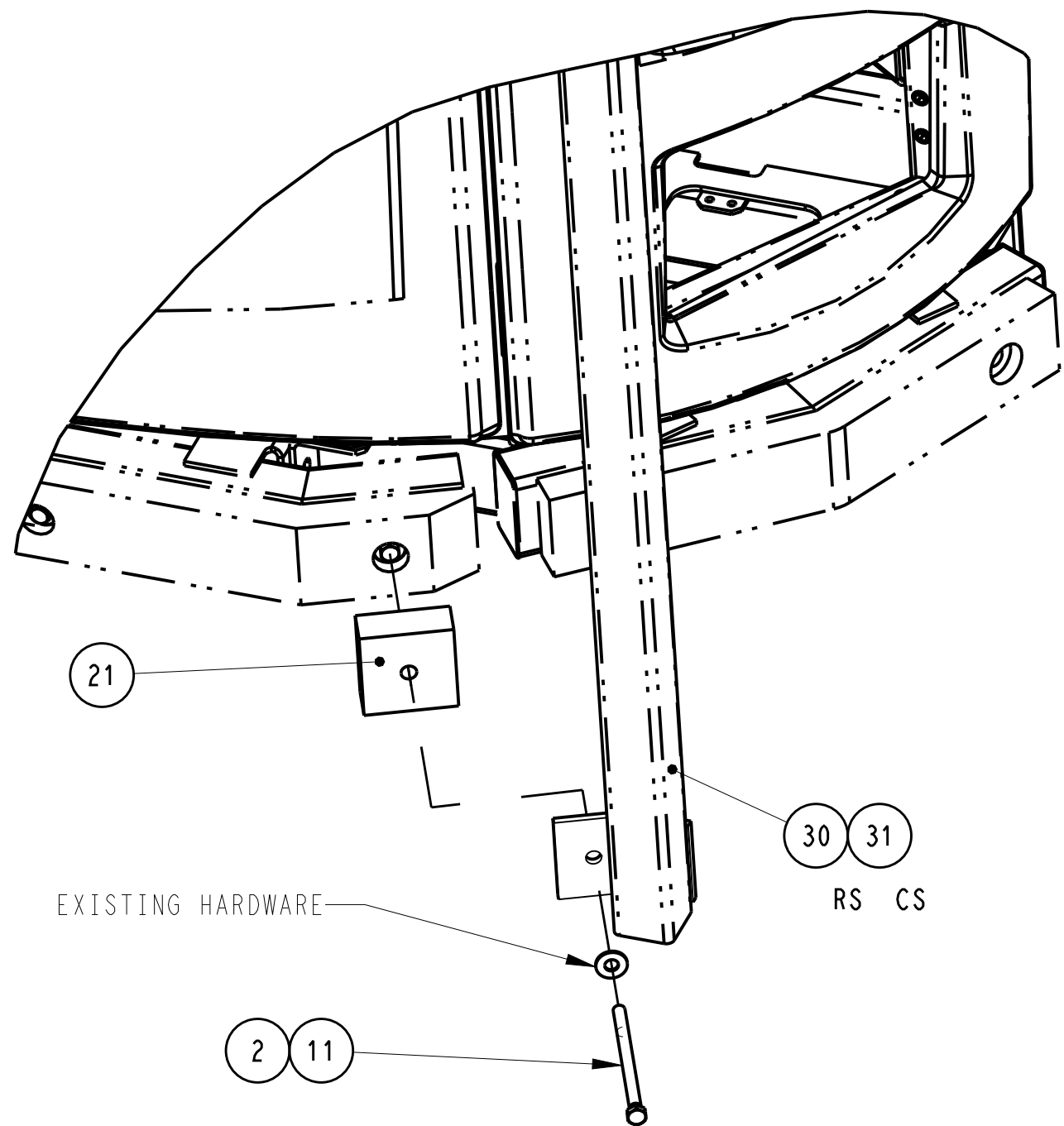


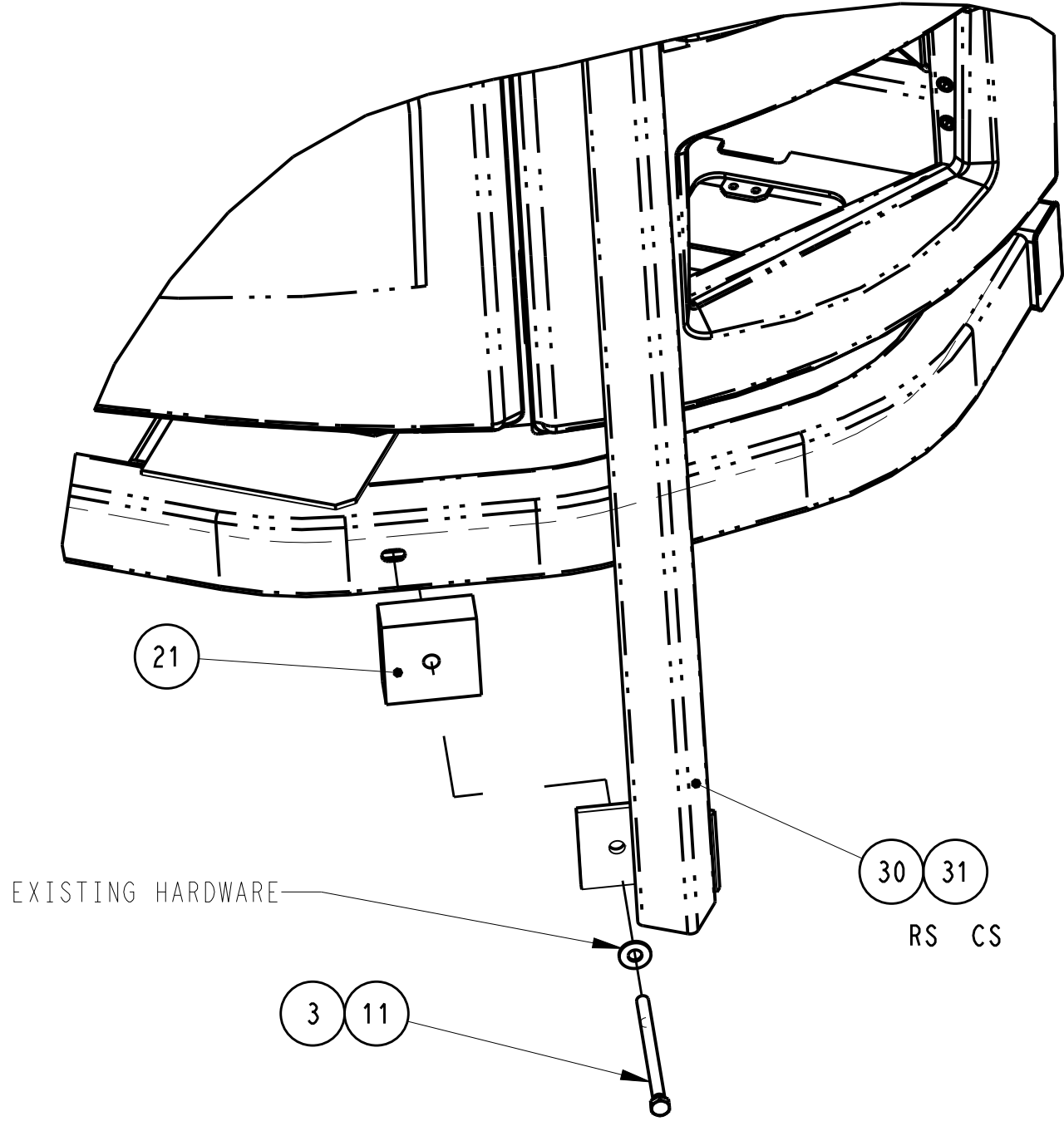
CTD PART NO.	U.S. ECCN	DESCRIPTION
98-03265-00	EAR99	VERTICAL BUMPERS FOR X2-SERIES PRODUCTS
98-03265-01	EAR99	VERTICAL BUMPERS FOR X-SERIES PRODUCTS



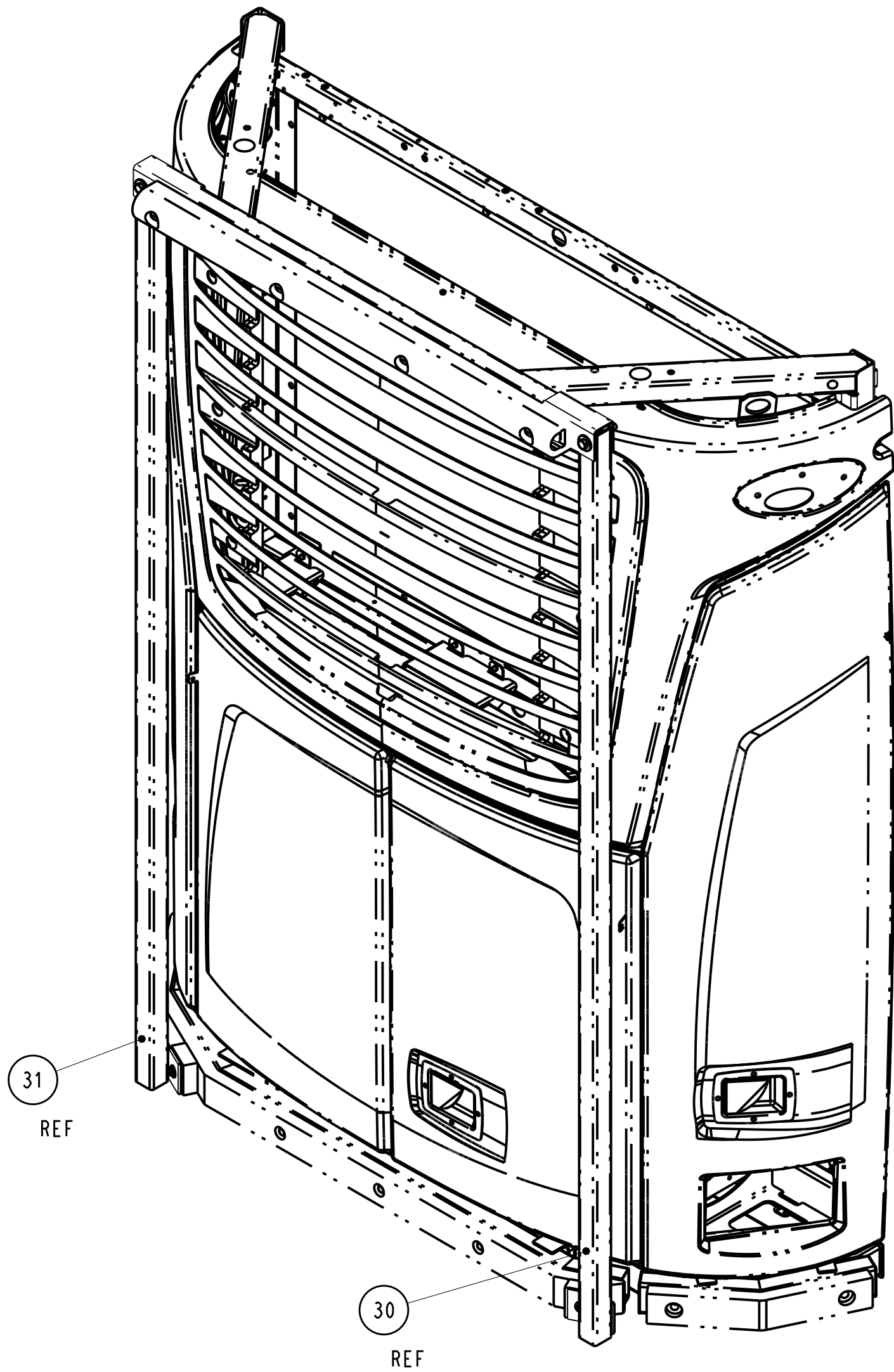
1. ON UPPER BUMPER LOCATE AND REMOVE HOLE PLUGS. THEN REMOVE RUBBER BUMPER MOUNTING BOLTS AT EACH END OF BUMPER. RETAIN WASHERS AND DISCARD BOLTS AND PLUGS.
2. STEP 2 FOR 2 PIECE LOWER BUMPER ONLY, IF 1 PIECE LOWER BUMPER IS USED PROCEED TO STEP 3:  
ON BOTTOM BUMPER LOCATE AND REMOVED LOWER RUBBER BUMPER MOUNTING BOLTS AS INDICATED. RETAIN WASHERS AND DISCARD BOLTS AND LOCKNUTS.
3. INSTALL FORMED CHANNEL (ITEM 25) ON EACH END OF BUMPER USING BOLTS (ITEM 1) AND RETAINED WASHERS.
4. IDENTIFY AND ASSEMBLE ROADSIDE AND CURBSIDE TUBE ASSEMBLIES (ITEMS 30 AND 31) TO FORMED CHANNEL USING 1/2-13 X 3.5 LG. BOLTS (ITEM 5), 1/2 FLAT WASHER (ITEM 12) AND 1/2-13 LOCKNUT (ITEM 8).
5. ASSEMBLE TUBE ASSEMBLIES (ITEMS 30 AND 31) AND RUBBER BLOCKS (ITEM 21) TO LOWER BUMPER USING 3/8-16 X 5.5 LG. BOLTS (ITEM 2) FOR 2 PIECE LOWER BUMPER OR 3/8-16 4.5 LG. BOLTS (ITEM 3) FOR 1 PIECE LOWER BUMPER, RETAINED WASHERS AND NEW 3/8-16 LOCKNUTS (ITEM 11).
6. TORQUE 3/8-16 HARDWARE TO 34 FT-LBS. AND 1/2-13 HARDWARE TO 83 FT-LBS.



2 PIECE LOWER BUMPER DETAIL  
SCALE 0.200

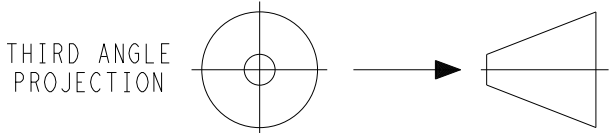


1 PIECE LOWER BUMPER DETAIL  
SCALE 0.200



SEE SEPARATE PARTS LIST

A	ADDED 1 PIECE LOWER BUMPER DETAIL AND REVISED NOTES 2 & 5 TO INCLUDE DETAILS FOR INSTALLATION WITH 1 PIECE LOWER BUMPER.	06 JAN 17	ZMG			72N0200P17
-	INITIAL RELEASE.	16JAN2007	ZMG			72N204GP07
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:  
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES WITH  
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE  
INSTALLATION INSTRUCTIONS  
VERTICAL BUMPER POSTS

DRAWING NO.  
98-03265  
SHEET 1 of 1  
REV  
A

SUPERSEDES:

PART CLASSIFICATION: US SEE CHART

DRAWING CLASSIFICATION: US EAR99