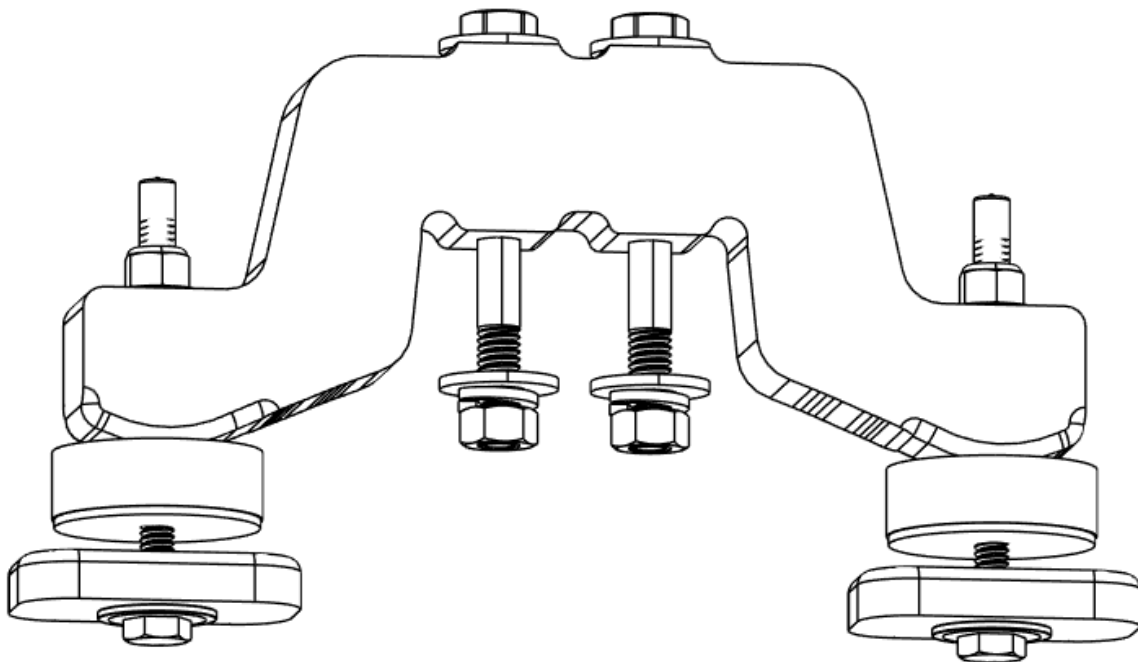


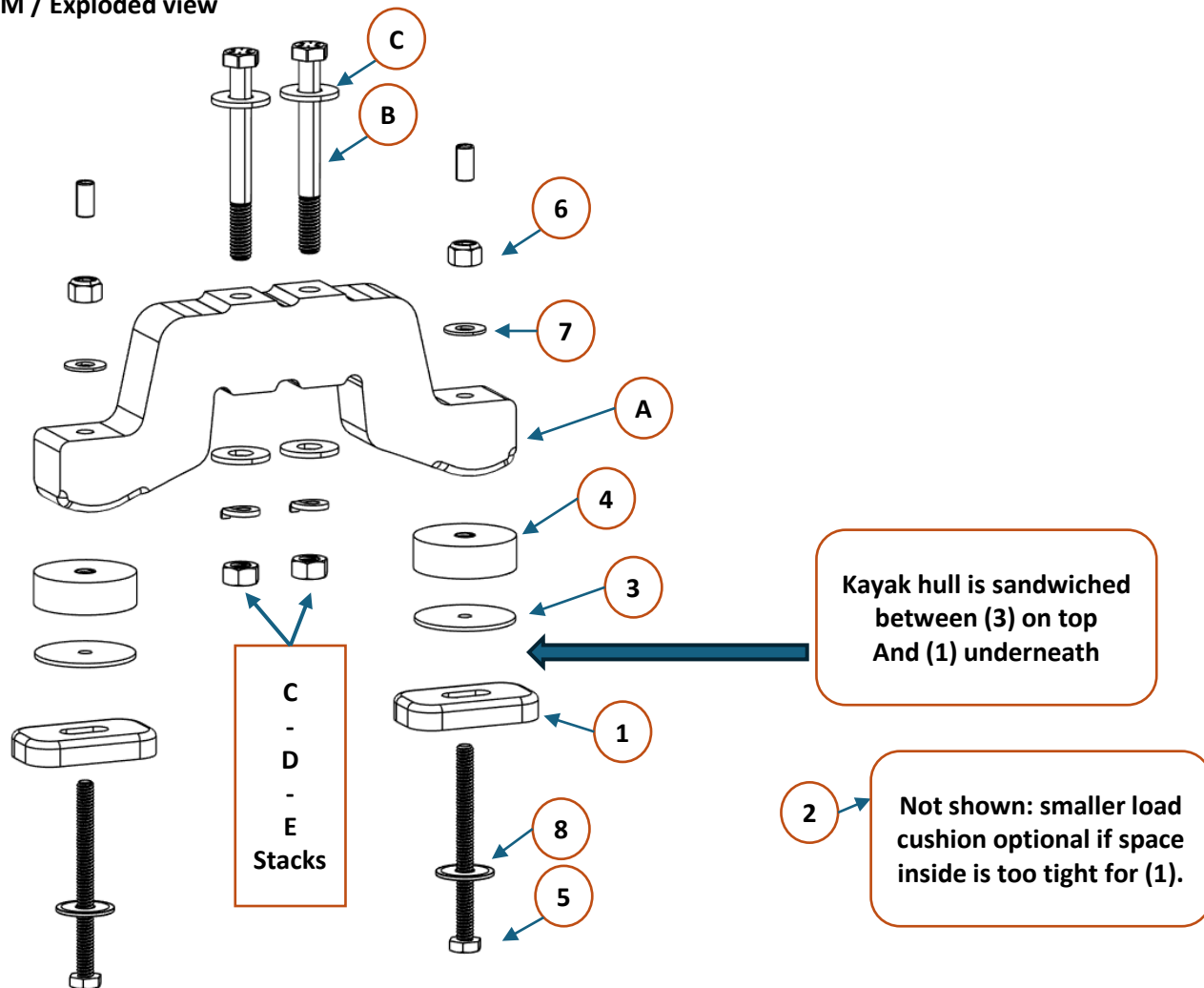


Freedom Launcher® Assembly Support

Kit WS-1H1173 MG31 Gorilla Mount Thru Hull w Threaded Top Cushion



BOM / Exploded view



	Part Number	Qty	Part Description
	WS-7H3358	1	Gorilla Mount Kayak Bracket w Crossbar Hdwr - Sportsman
	WS-1P9278	1	MG31 Through Hull Hardware Kit
	WS-7H3358	Qty	Part Description
A	WS-5H9562	2	Gorilla Mount Kayak Bracket
B	WS-2H5669	4	Hex Head Cap Screw 5/16" by 3"L Gr 8 Aluma-coat
C	WS-2P8116	8	Washer 5/16" 7/8OD Grade 8 Aluma-coat
D	WS-2Q7935	4	Lock washer 5/16" Grade 8 Aluma-coat
E	WS-9T9595	4	Nut 5/16" Grade 8 Aluma-coat
	WS-1P9278	Qty	Part Description
1	WS-7N8463	4	Oblong Cushion LRG
2	WS-2P1899	2	Oblong Cushion SML
3	WS-9H5391	4	Silicone mount seal 1.5"OD x 0.20"ID
4	WS-2N9329	4	Topside Cushion with brass insert (1/2" height)
5	WS-9T7763	4	Hex Head Cap Screw Fully Threaded 1/4"-20 x 3L SS
6	WS-1N6682	4	Locknut 1/4" Stainless
7	WS-1N6997	4	Washer 1/4" Stainless SAE
8	WS-5N3443	4	1/4" Fender washer Stainless 7/8" dia
9	WS-2P2793	6	Thread cap 1/4" black

General Notes on Installation:

1. Temporarily remove rod holders
2. Use Gorilla (A) to determine the spacing, location, and orientation of the ¼-20 bolts. Ensure there is room for the load cushion (1) underneath.
3. Drill 9/32" holes through Gorilla and through hull. After the first hole, insert ¼"-20 bolt through hole temporarily to ensure spacing for second drilled hole.
4. Remove Gorilla and bolts.
5. Assemble fender washer and ¼-20 bolt onto load cushion (1).
6. Slip bolt into rod holder opening and through drilled holes from underneath
7. Slip seal (4) over bolt on top.
8. Thread (5) onto bolt. Add red (blue) Loctite onto the bottom ¼" of threads. Seat threaded cushion onto seal – finger tight only.
9. Repeat steps for both drilled holes.
10. Reinstall rear rod holders
11. Let Loctite cure for at least 15 minutes
12. Install Gorilla bracket over studs; add washers (7) and locknuts (6). Tighten joint only hand-tight until locknut is lightly seated on washer.
13. See general instructions for centering crossbar; drilling crossbar, and securing Gorilla to crossbar using A-E.