



# ASSEMBLY GUIDE

Borne Off-Road 10K/12K Winch Display  
SKU: BNWN-POP

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## RESOURCES & CONTACT



**CALL 1.877.466.4744**

CUSTOMER SERVICE HOURS: MON-FRI 9:00AM-7:00PM EST



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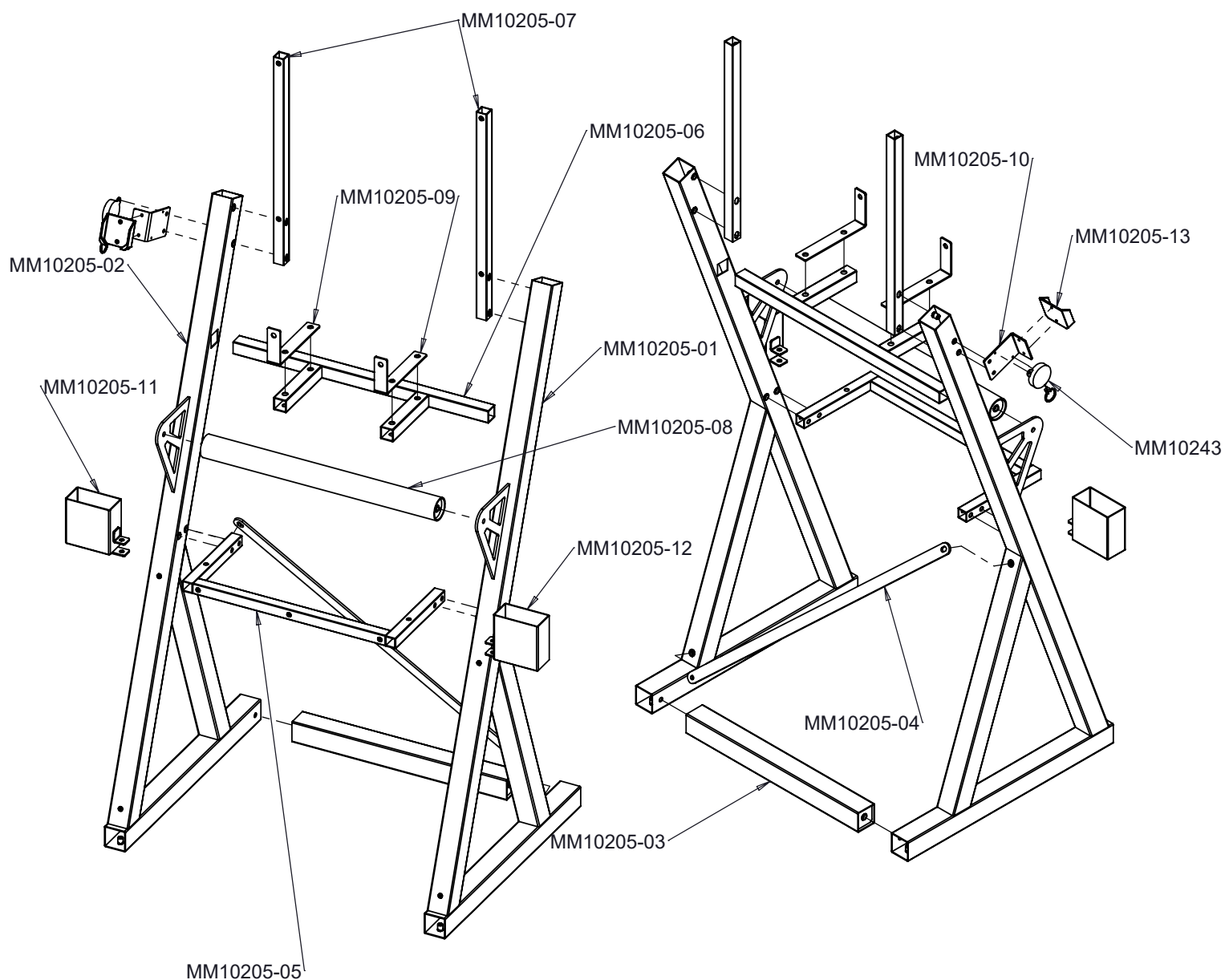
**ENGINEERING BLOG**

[WWW.BORNE.COM/ENGINEERING](http://WWW.BORNE.COM/ENGINEERING)

PARTS BREAKDOWN		
PART NUMBER	DESCRIPTION	QTY
MM10205-01	RIGHT FRAME	1
MM10205-02	LEFT FRAME	1
MM10205-03	LOWER TUBE ASSY	1
MM10205-04	BRACE	1
MM10205-05	CENTER MOUNT	1
MM10205-06	UPPER MOUNT	1
MM10205-07	UPPER MOUNT 2	2
MM10205-08	SPOOL TUBE ASSY	1
MM10205-09	BRACKET 2	2
MM10205-10	BRACKET 3	1
MM10205-11	HOLDER LEFT	1
MM10205-12	HOLDER RIGHT	1
MM10205-13	REMOTE HOLDER	1
MM10236	30MM SQUARE TUBE CAP	2
MM10232	50MM SQUARE TUBE CAP	6
MM10240	M8 LEVELING FOOT	4
MM10243	RETRACTOR	1
B4X0.7-6A	M4 X 6 BUTTON BOLT	2
S4X0.7-10B	M4 X 10 SOCKET BOLT	10
F4X0.7-12	M4 X 12 FLAT HEAD BOLT	2
MM1183-21	M4 HEX NUT	2
MM1174-21	M4 SS LOCK WASHER	4
MM1152-32	M4 FLAT WASHER	4

PARTS BREAKDOWN		
PART NUMBER	DESCRIPTION	QTY
B5X0.8-16B	M5 X 16 BUTTON BOLT	11
B6X1.0-20B	M6 X 20 BUTTON BOLT	2
MM1174-16	M6 SS LOCK WASHER	2
MM1152-17	M6 FLAT WASHER	2
B8X1.25-25	M8 X 25 BUTTON BOLT	2
HF8X1.25-25A	M8 X 25 HEX FLANGE BOLT	2
B8X1.25-45A	M8 X 45 BUTTON BOLT	12
MM1183-03	M8 HEX NUT	2
MM1174-23	M8 LOCK WASHER	14
MM1152-04	M8 FLAT WASHER	16
MM1152-20	M8 FENDER WASHER	2
B10X1.5-60	M10 X 60 BUTTON BOLT	4
MM1174-20	M10 LOCK WASHER	4
MM1152-38	M10 FLAT WASHER	4
7130K725	10 INCH CABLE TIE	3
91290A522	M10 X 30 BOLT	2
98687A306	M10 FLAT WASHER	2
91190A560	M10 LOCK WASHER	2
90593A008	M10 NUT	2
MM10076	ELECTRONICS BOX	1
RL-HIPS-RP-BK	ROPE SPOOLS	6
MM10254	DISPLAY PANELS	3
BNWN-BROCHURE	BROCHURE PACK	2

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### IMPORTANT SAFETY INFORMATION

- Borne Off-Road recommends you use safety glasses and protective gloves during the assembly of our products
- Borne Off-Road is not responsible for any vehicle damage or personal injury due to assembly errors, misuse, or removal of Borne Off-Road products
- If you need any assistance while assembling our products, reach out to our Customer Service Team at 1-877-GOMISHI

### REQUIRED TOOLS

2.5MM HEX KEY	7MM WRENCH
3MM HEX KEY	13MM WRENCH
4MM HEX KEY	17MM WRENCH
5MM HEX KEY	PHILLIPS SCREWDRIVER
6MM HEX KEY	BUBBLE LEVEL
8MM HEX KEY	RUBBER Mallet

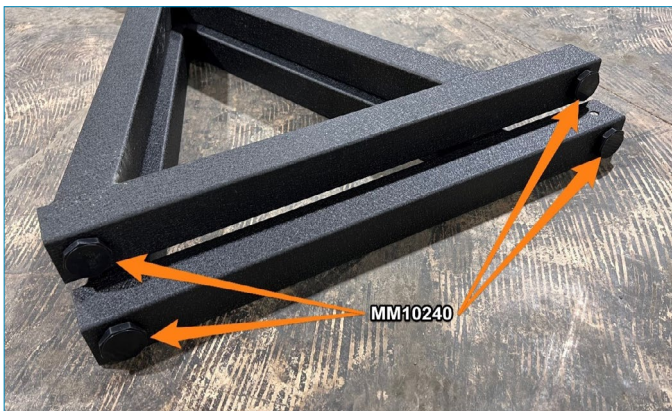
### ASSEMBLY TIME: 1 HOUR

### ASSEMBLY DIFFICULTY:

### ASSEMBLY INSTRUCTIONS

**Note:** Assemble display on a flat, level surface.

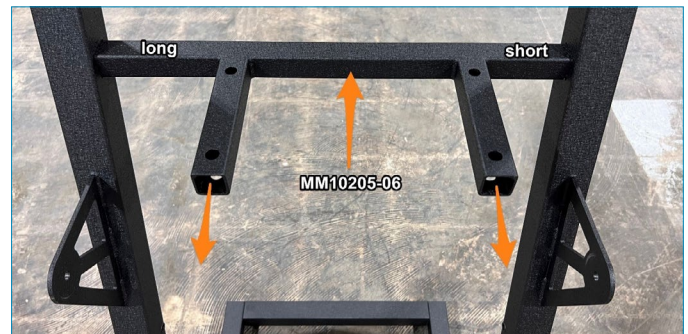
1. Install the (4x) leveling feet into the bottom of the two frames and hand-tighten until they bottom out.



2. Fasten the lower tube assembly to the right frame through the inside of the tube as shown using an M8x25mm hex flange bolt and M8 fender washer. Repeat for the other side and left frame. Leave these hand-tight for now.



3. Stand the frame up in its normal position. Install the upper mount into the square holes in the left and right frames ensuring the orientation of the "long" and "short" sides are as shown, and the mounts are facing forward.



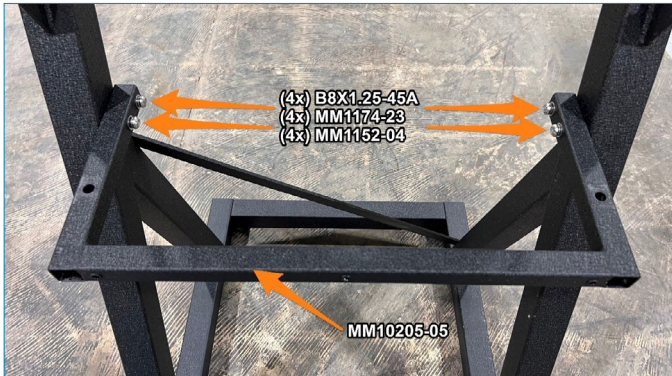
4. Install the brace between the left and right frames using (2x) M8x25mm button head bolts, lock washers, and flat washers. Leave hand-tight for now.



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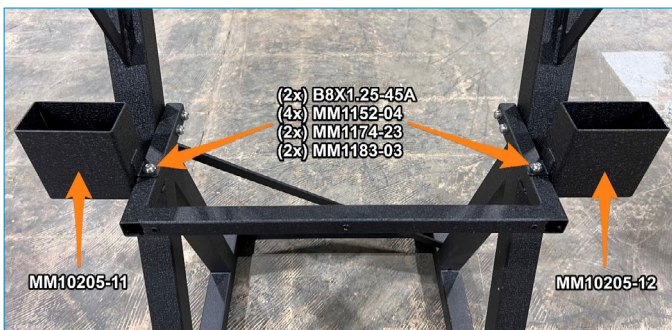
**5.** Install the center mount as shown using (4x) M8x45mm button head bolts, lock washers, and flat washers. Leave hand-tight for now.



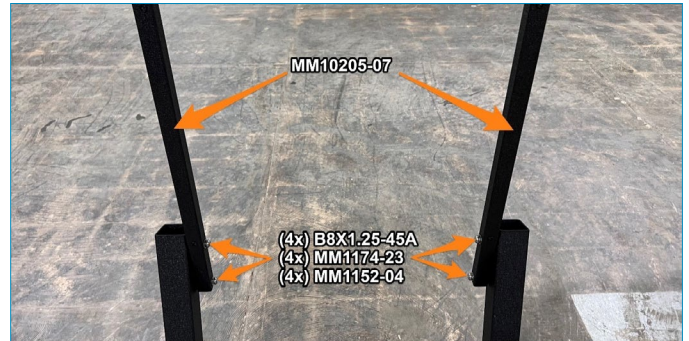
**6.** Rotate the leveling feet until each side of the frame is level front to back then, adjust the center mount until it's level and tighten the (4x) bolts from the previous step (5mm hex key). Now fully tighten the (2x) bolts from step 2 (13mm wrench) and the (2x) bolts from step 4 (5mm hex key).



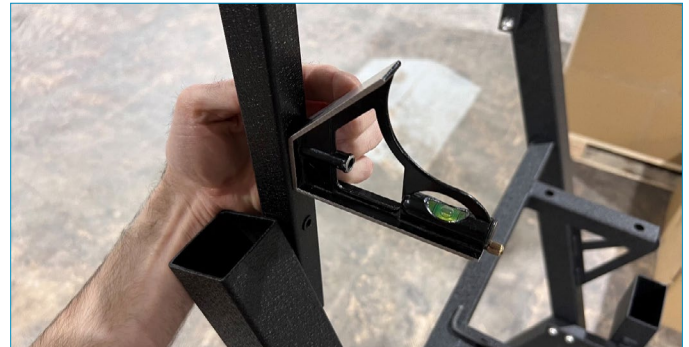
**7.** Install the left and right brochure holders onto the center mount using (2x) M8x45mm button head bolts and hex nuts. Use an M8 flat washer on the bolt head side and a flat + lock washer on the nut side. Tighten using a 5mm hex key and 13mm wrench.



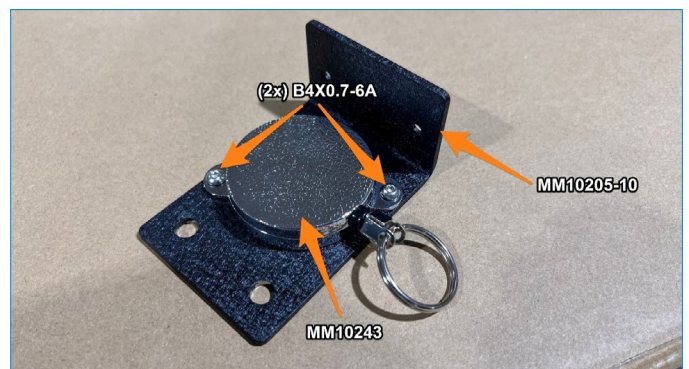
**8.** Install the (2x) upper mounts to the left and right frames using (4x) M8x45mm button head bolts, lock washers, and flat washers. Ensure the rivet nuts in the upper mounts are facing forward. Leave hand-tight for now.



**9.** Use a bubble level to adjust the upper mounts then tighten the (4x) bolts from the previous step (5mm hex key).



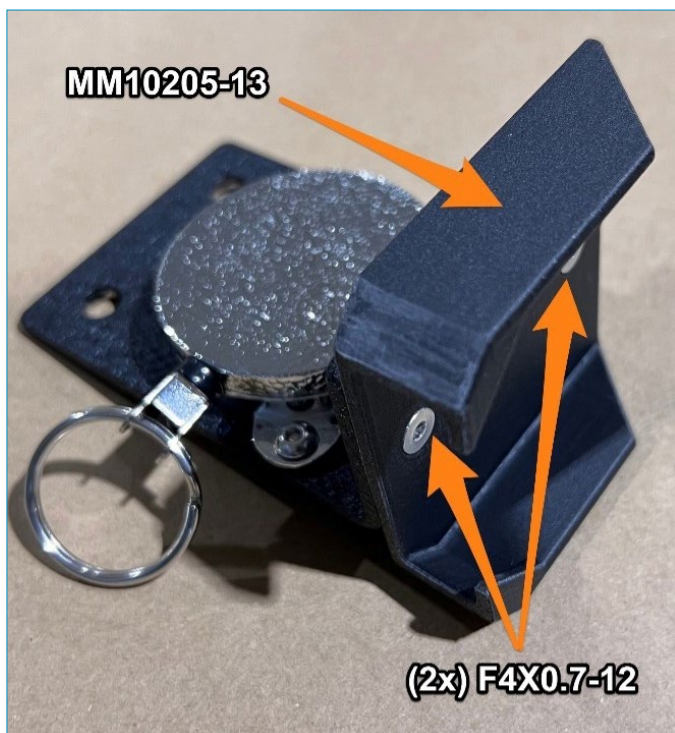
**10.** Fasten the retractor to bracket 3 as shown using the (2x) M4x6mm button head bolts. Tighten using a 3mm hex key.



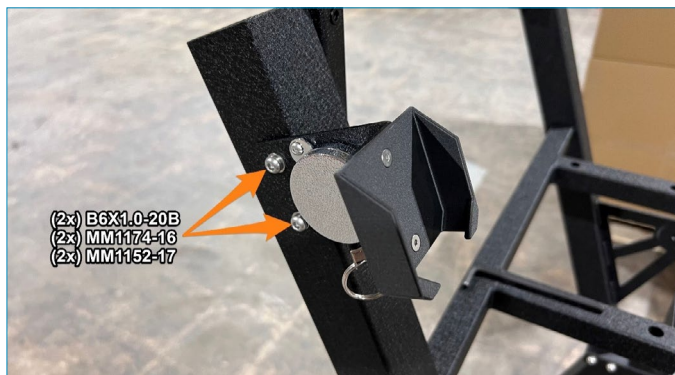
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**11.** Fasten the remote holder to bracket 3 as shown using (2x) M4x6mm flat head bolts, washers, lock washers, and hex nuts. Tighten using a 3mm hex key and 7mm wrench.

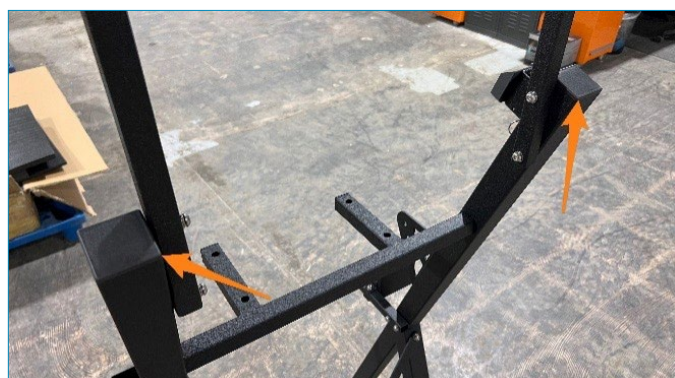
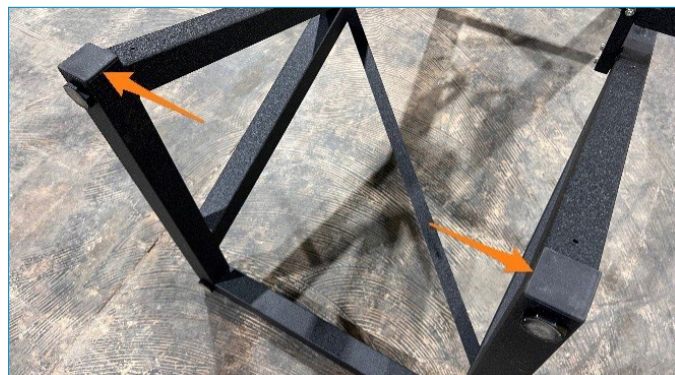


**12.** Fasten the remote holder bracket assembly to the frame as shown using (2x) M6x20mm button head bolts, lock washers and flat washers.



**13.** Use a rubber mallet to install the (2x) 30mm and (6x) 50mm square tube caps into the open ends of the frame tubes shown below. Note: keep the caps straight and centered while assembling to prevent shearing the fins off which will result in a loose and/or uncentered cap.

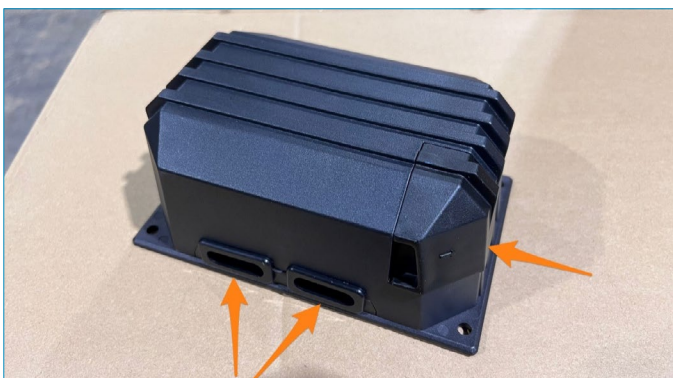
(Images on right)



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**14.** Assemble the electronics box provided with the display as shown, fastening the lid to the bottom with the (4x) plastic screws (Phillips head screwdriver).



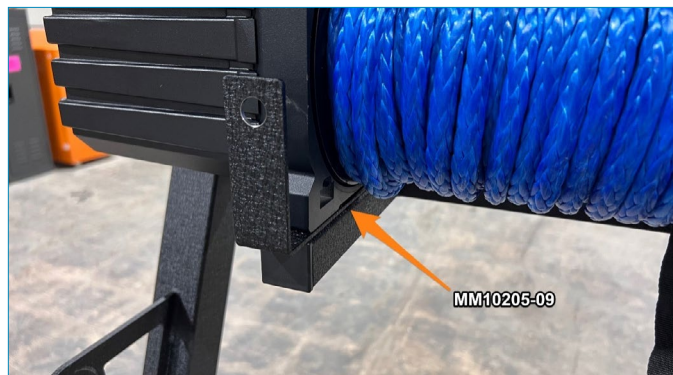
**15.** Spool the rope onto the Winch per the winch user manual and mount the electronics box to the winch using the (4x) screws provided with the winch (Phillips head screwdriver).



**16.** Set the winch on the display as shown.



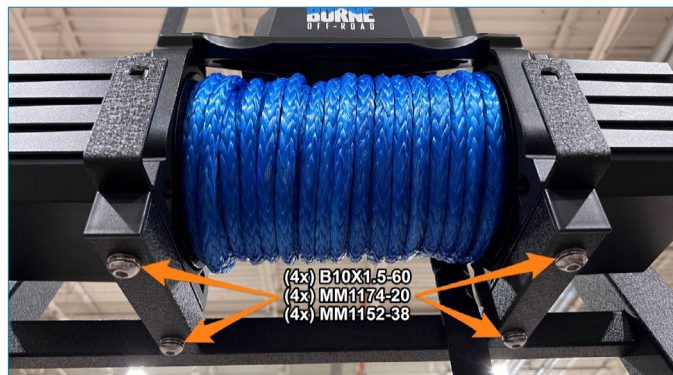
**17.** Lift up one side of the winch and slide one of the fairlead brackets under the mounts.



**18.** Repeat for the other side.



**19.** Fasten the winch to the frame with the (4x) M10x60mm bolts, lock washers, flat washers and the square nuts provided with the winch (6mm Allen key).



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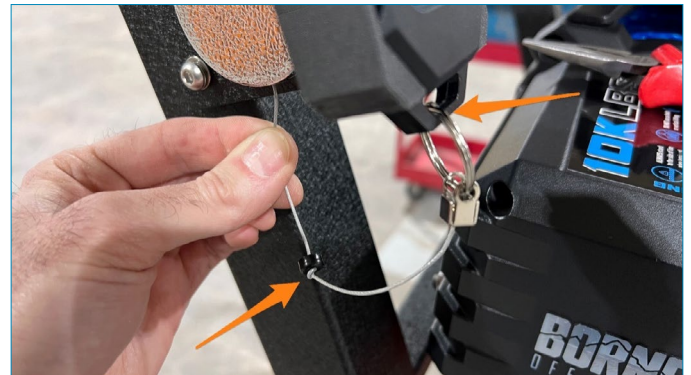
**20.** Install the winch fairlead using the (2x) M10 bolts, flat washers, lock washers, and nuts provided with the display. Ensure the fairlead is level then tighten using an 8mm hex key and 17mm wrench.



**21.** Attach the hook to the winch rope and secure to the fairlead with the provided cable ties. Trim the loose ends.

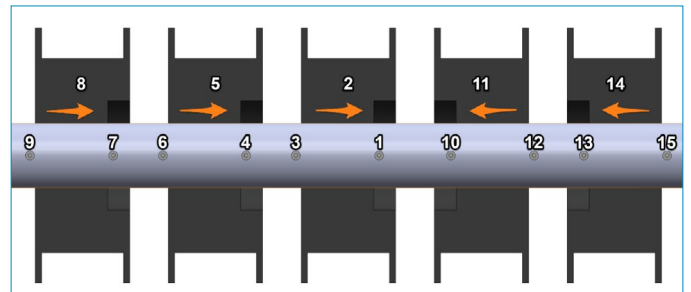


**22.** Tie a knot in the retractor cable approximately 2 inches from the end. Ensure the rubber washer is positioned as shown. Attach the split ring to the winch remote and place the remote in the holder.



**22. (Cont.)** Next, the rope spools will be installed onto the spool tube assembly. There are 6 rope spools provided, one for each of the available rope colors. The display itself only holds 5 spools. Leave out the rope spool with the same color as what's on the winch (in this case blue). All 6 colors should be represented between the rope spools and the winch. Note: the spools have a recess on one side, so they are directional. Refer to the photo in step 23 for the correct orientation.

**23. Note:** The holes in the tube are not symmetric. Orient the tube to match the photo such that bolt holes in positions "1" and "10" are further apart than "3" and "4." Start by installing an M4 socket head bolt in position "1" (M3 hex key) then slide a spool on the tube to position "2" and retain with bolt "3". Install the remaining spools according to the order and orientation in the photo.



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**24.** Install the rope spool and tube assembly into the frame using (2x) M8x45mm button head bolts, lock washers, and flat washers (5mm Allen key). Rotate the tube so the M4 bolts from the previous step are facing to the rear and down so they are hidden.



**24. (Cont.)** Remove the protective film from the plastic display panels then install them onto the frame as shown using the (11x) M5x16mm button head bolts (3mm hex key). Do not over tighten. If the bottom holes don't line up, loosen the frame bolts to allow some movement, install the panel bolts, then re-tighten the frame bolts. The upper mount holes are slotted to allow adjustment as well. Place the provided brochures in the holders on each side.

This concludes the assembly.

### VIEW WARRANTY INFO



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[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

