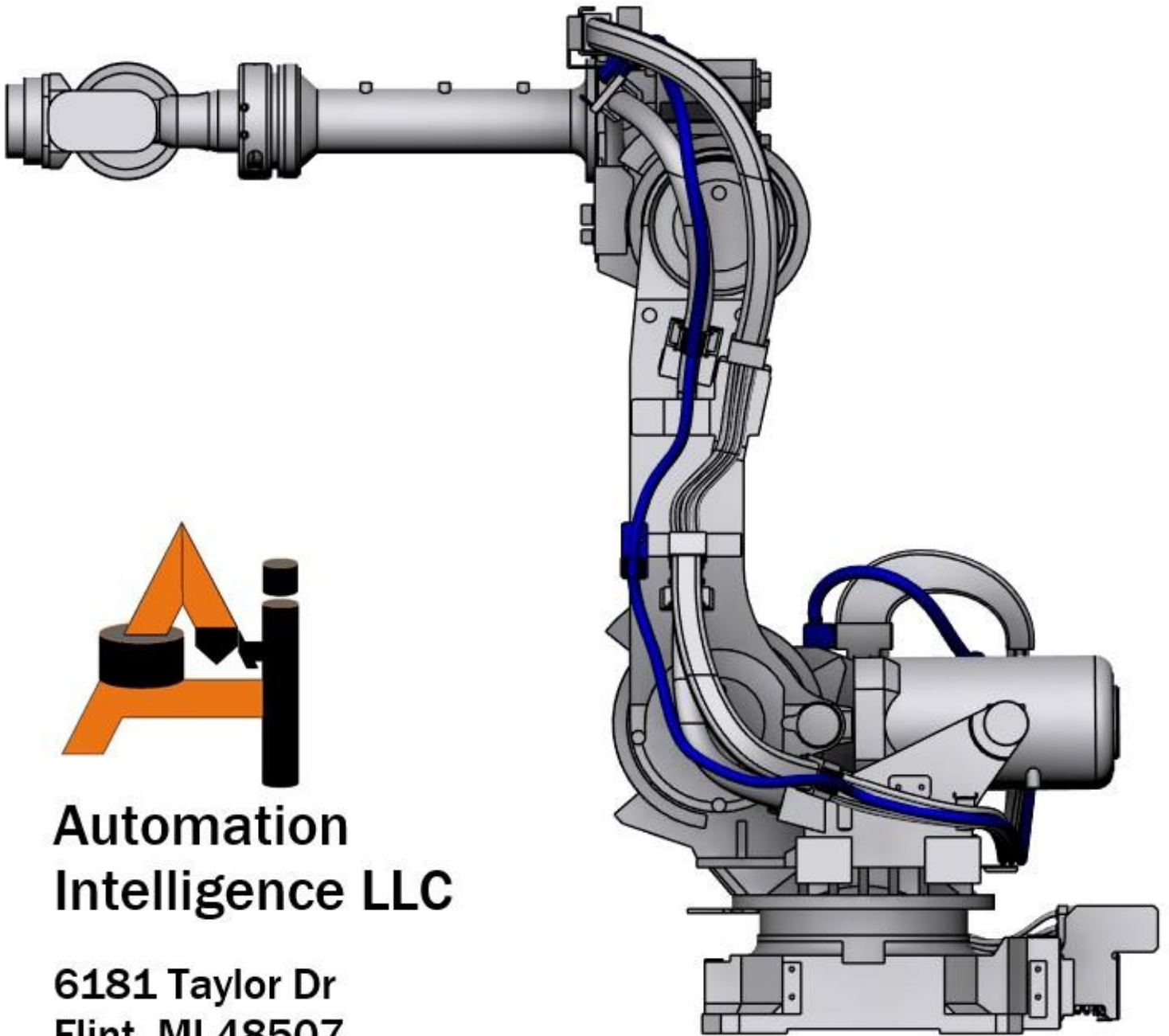


Enet Conversion Kit Manual

210F Weld Raft/Enet



**Automation
Intelligence LLC**

**6181 Taylor Dr
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Parts Included

QTY.	PART DESCRIPTION	PART # (S)	RAFT/ENET/BOTH
13	PolyMade Tube 29mm, quantity in ft	R29S-13	BOTH
6	Hose Clamp	CFBS-AS29-ABS-000	BOTH
1	J3-1 210F/185L MH/WELD	20024300-00	BOTH
1	J1-2 210F/185L MH/WELD	20022300-00	BOTH
1	J1-1 210F WELD	20025300-00	BOTH
1	J2-1 210F WELD	20042300-00	BOTH
8	Velcro Buckle Strap	VS-15012050	BOTH
8	M6 x 22 (2), M6 x 16 (2), M12 x 20 (2)	20037400-00	BOTH
1	Ethernet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, 5m	0985 806 100/5m	ENET
2	Bulkhead Enet Control cabinet feed-through, 4-position, Socket, straight, M12	1424326	ENET
2	Bulk Head A code RAFT	RKC 4.2T-5-RSC 4.2T/CS12885	RAFT
1	Raft Cable 5m	FK FS 4.4/M12	RAFT
4	COVER, MICRO (M12), EXTERNAL THREADS	ZVK	BOTH

On the side panel of the robot as shown in *fig.1*.



Figure 1

Mark out a hole 38mm from the bottom of the panel and 50mm from the side of the panel. Drill out the hole to 14mm. Once drilled remove plate from robot. **For Raft/Enet combo** drill another hole 40mm to the right of previous hole.

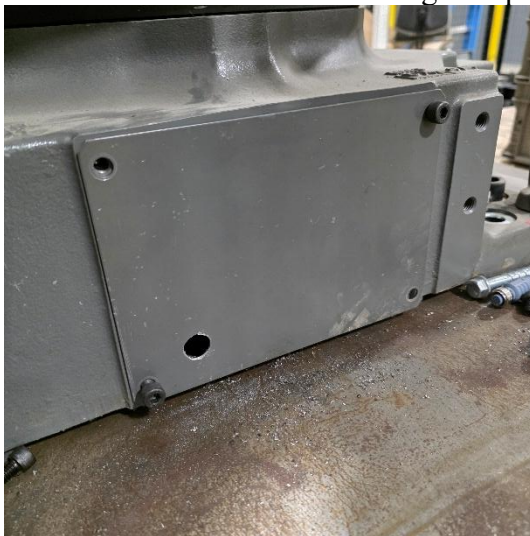


Figure 2.1



Figure 2.2

Insert the bulkhead and tighten it down in the drilled hole. **For RAFT bulkhead** make sure to insert the bulkhead with female end outside the robot.



Figure 3.1



Figure 3.2

Feed wire on lose end of the kit through the grommet of the robot and attach it to the bulkhead. Reattach the plate with the bulkhead back to the robot.



Figure 4

Mount the first bracket (20025300-00) from the lose end of the kit to the holes shown in *fig. 5*. It should be mounted as shown in *fig. 6*.

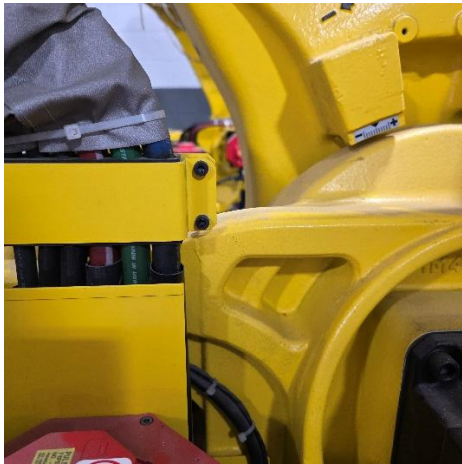


Figure 5

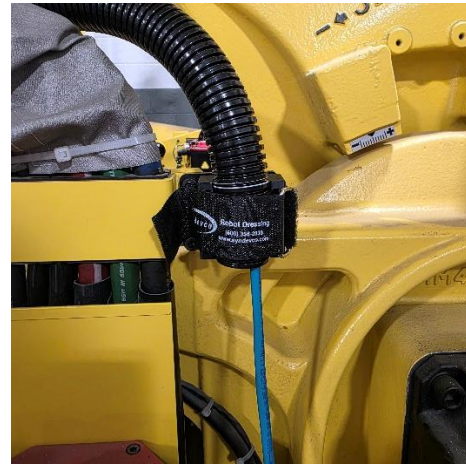


Figure 6

Mount the second bracket (20022300-00) to the holes shown in *fig. 7*. It should be mounted as shown in *fig. 8*.



Figure 7



Figure 8

Mount with next clamp down the line to the bracket shown on *Fig. 9*. Losen velcro on clamp, peel off the adhesive backing on bottom of clamp and place it on the bracket as shown on *Fig. 10*. Making sure to line up the tube with clamp as indicated with the white strips and tighten the velcro around the whole bracket, tube, and clamp as also shown in *Fig. 10*.

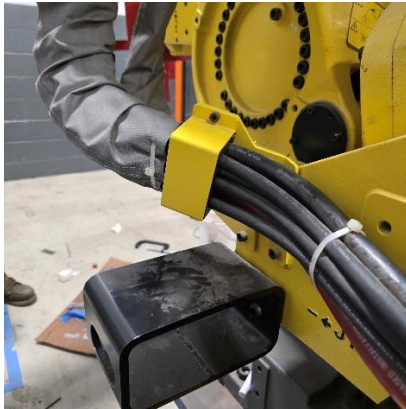


Figure 9



Figure 10

Mount the second bracket (20042300-00) to the holes shown in *fig. 11*. It should be mounted as shown in *fig. 12*.

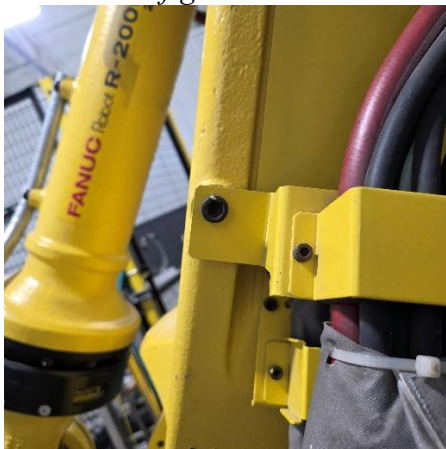


Figure 11

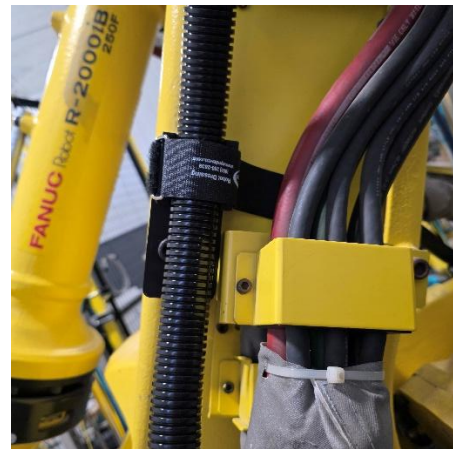


Figure 12

Mount with next clamp down the line to the bracket shown on *Fig. 13*. Losen velcro on clamp, peel off the adhesive backing on bottom of clamp and place it on the bracket as shown on *Fig. 14*. Making sure to line up the tube with clamp as indicated with the white strips and tighten the velcro around the whole bracket, tube, and clamp as also shown in *Fig. 14*.

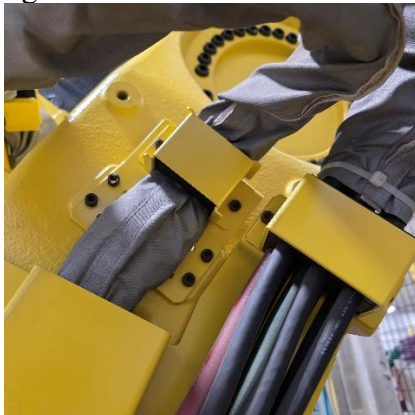


Figure 13

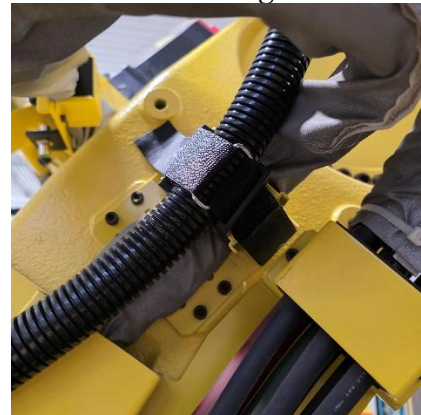


Figure 14

Mount the fourth bracket (20024300-00) to the holes shown on *Fig. 15*. It should be mounted as shown on *Fig. 16*.



Figure 15



Figure16