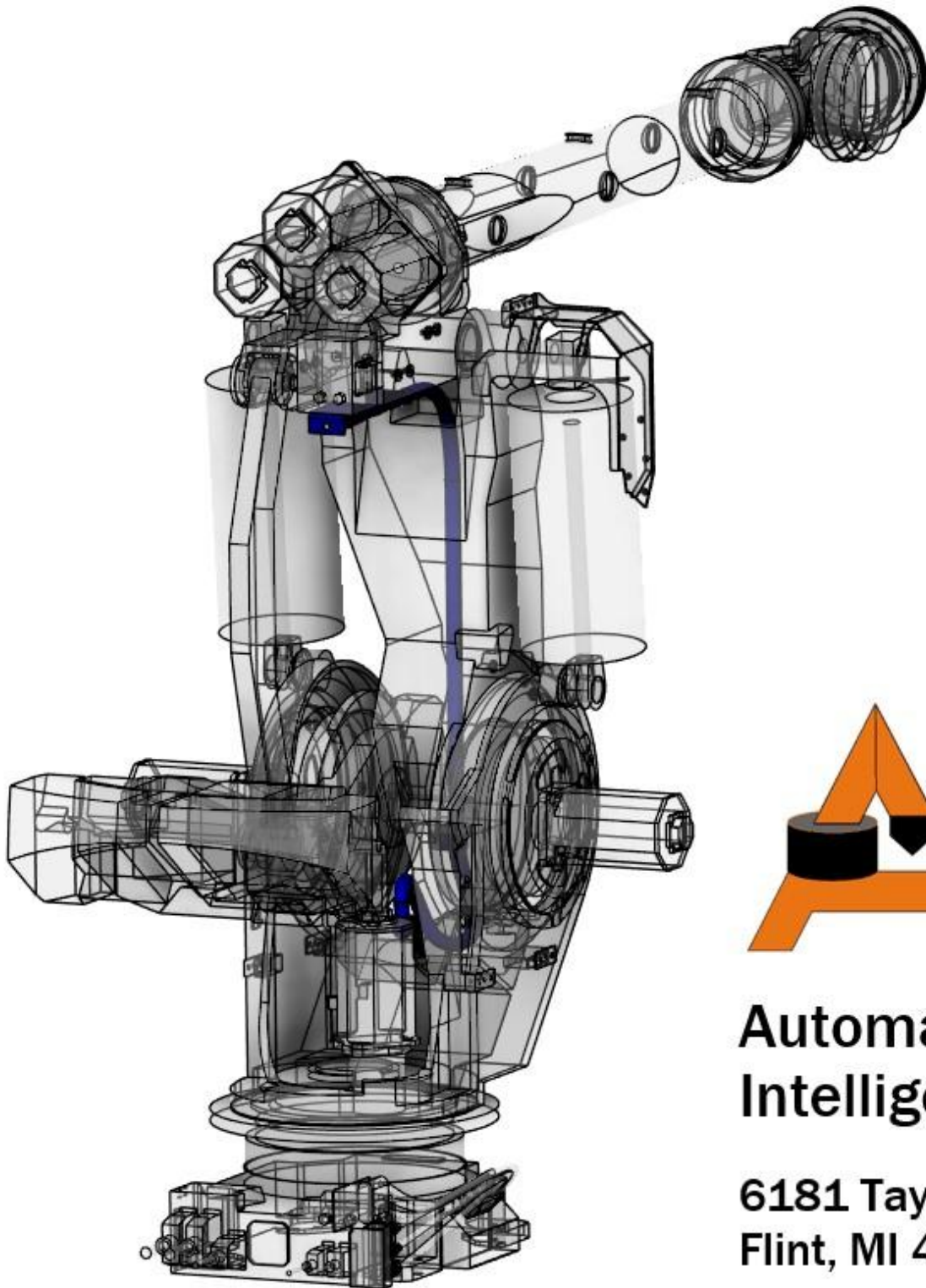


Enet Conversion Kit Manual

400L MH/Weld/Raft

#20020400-00, #20048400-00, #20059400-00



**Automation
Intelligence LLC**

**6181 Taylor Dr
Flint, MI 48507**

Parts Included

QTY.	PART DESCRIPTION	PART # (S)
8.4167	PolyMade Tube 29mm, quantity in ft	R29S-13
4	Hose Clamp	CFBS-AS29-ABS-000
1	J1-1 400L	20038300-00
1	J2-1 400L	20039300-00
1	J3-1 400L	20040300-00
1	J3-2 400L	20041300-01
4	Velcro Buckle Strap	VS-15012050
1	M6 x 16 (8), M6 x 25 (2)	20036400-00
1	Ethernet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, 4m	0985 806 100/4m
2	Bulkhead Enet Control cabinet feed-through, 4-position, Socket, straight, M12	1424326
2	COVER, MICRO (M12), EXTERNAL THREADS	ZVK

Raft Parts

QTY.	PART DESCRIPTION	PART #
2	Bulk Head A code RAFT	FK FS 4.4/M12
1	Raft Cable 5m	RKC 4.2T-5-RSC 4.2T/CS12885
2	COVER, MICRO (M12), EXTERNAL THREADS	ZVK

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.

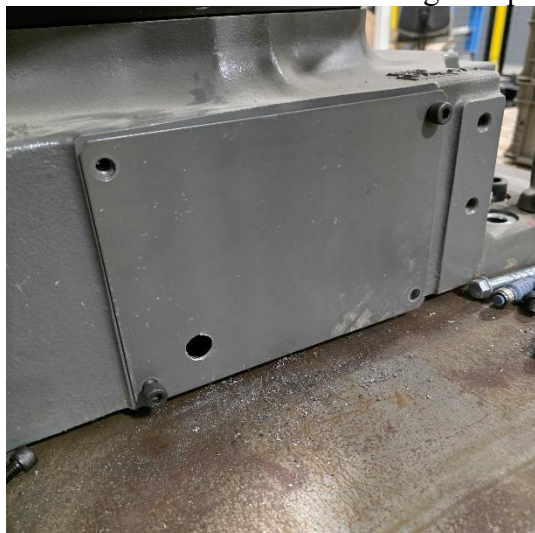


Figure 2.1



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 loose 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 (20038300-00) from the loose end of the kit to the holes shown in *Fig. 5*. It should be mounted as shown in *Fig. 6*.



Figure 5



Figure 6

Clamp the second bracket (20039300-00) to the casting shown in *Fig. 7*. Place the plate on casting and bolt down the M6x25 to clamp it. It should be clamped as shown in *Fig. 8*.



Figure 7

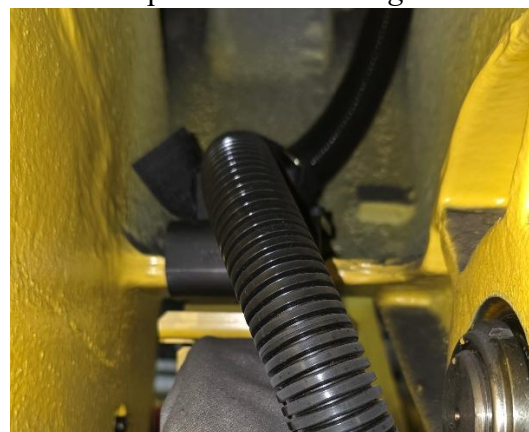


Figure 8

Remove the last 2 brackets (200040300-00 & 20041300-01) and shove the tube up the center of the body shown in *Fig. 9*. It will be routed through the same hole as preexisting cables.



Figure 9

Mount the third bracket (20040300-00) to the holes shown in *Fig. 10*. Re-attach tube to bracket. It should be mounted as shown in *Fig. 11*.



Figure 10



Figure 11

Mount the fourth bracket (20041300-00) to the holes shown on *Fig. 12*. Re-attach tube to bracket. It should be mounted as shown on *Fig. 13*.



Figure 12

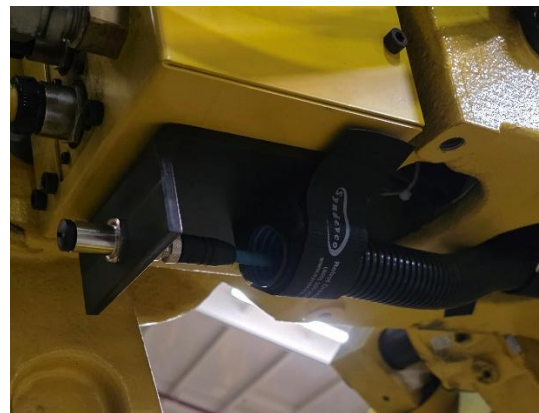


Figure13