THESE INSTRUCTIONS ARE FOR KIT 793186.

INSTALLATION:

ENSURE MACHINE IS POWERED OFF AND LOCK OUT-TAG OUT IS IN PLACE BEFORE
PERFORMING THE CONVERSION.

WORK HEAD DB-2 (SEE DETAIL A)

1. CLIP ZIP-TIES HOLDING CABLES TO THE DB BLOCK SO THE WIRES CAN BE LEAD TO THE BOTTOM OF BLOCK FOR THE COVER TO FIT.(SOME REROUTING MAY BE NEEDED).
2. REMOVE FASTENERS ONE AT A TIME FROM EACH MURR BLOCK THEN INSERT STANDOFF'S (720478). DO THIS FOR ALL 3 (SEE SECTION B-B).
3. REMOVE THE THUMB SCREW FROM BAG ATTACHED TO 720478 APPLY THE SPRING WASHER FOR ALL 3 HOLES ON COVER782404 (SEE DETAIL L).
4. LINCOLN GREASER: UNPLUG GREASE PORT CONN 163 AND CONN 165 . BRING IN NEW HARNESS EXTINCTION 720483 AND INSERT INTO CONN 163 AND CONN 165 (SEE FIG 1.1).
   GRACO GREASER: UNPLUG GREASE CONN 164 ON DB-2(P1) AND CONN 169. BRING IN NEW HARNESS EXTINCTION 720483 AND INSERT INTO PORT P1 ON DB-2 CONN 164 AND CONN 169 (SEE FIG 1.2).
5. ALIGN COVER WITH MURR BLOCK TOP AND SIDES.
6. THE COVER THUMB SCREWS ONLY NEED A ¼ TURN TO LOCK (SEE SECTION F-F).
7. SECTION THE CABLES TO EITHER SIDE OF MURR BLOCK AND RE-INSTALL ZIP-TIES IF NECESSARY.

OUTER REAR CAB DB-2 & DB-3 (SEE SECTION A-A)

8. CLIP ZIP-TIES HOLDING CABLES TO THE DB'S BLOCKS SO THE WIRES CAN BE LEAD TO THE BOTTOM OF BLOCK FOR THE COVER TO FIT.(SOME REROUTING MAY BE NEEDED).
9. REMOVE FASTENERS FROM DB-5 & DB-6 THEN INSERT STANDOFF INCLUDED IN 2 OF 720479. DO THIS FOR ALL 3 EACH DB BLOCK.
10. REMOVE THE THUMB SCREW FROM BAG ATTACHED TO 720478 APPLY THE SPRING WASHER FOR ALL 3 HOLES ON COVER782404 (SEE DETAIL L).
11. UNPLUG JUMP CABLE 473217 AND REPLACE IT WITH NEW CABLE 473215 PLUG INTO DB-5 PORT STAT AND DB-6 PORT COM (SEE DETAIL D & G).
12. ALIGN COVER WITH MURR BLOCK TOP AND SIDES HOLD AGAINST THE PLACARD.
13. THE COVER THUMB SCREWS ONLY NEED A ¼ TURN TO LOCK (SEE SECTION F-F).
14. SECTION THE CABLES TO EITHER SIDE OF MURR BLOCK AND RE-INSTALL ZIP-TIES IF NECESSARY.

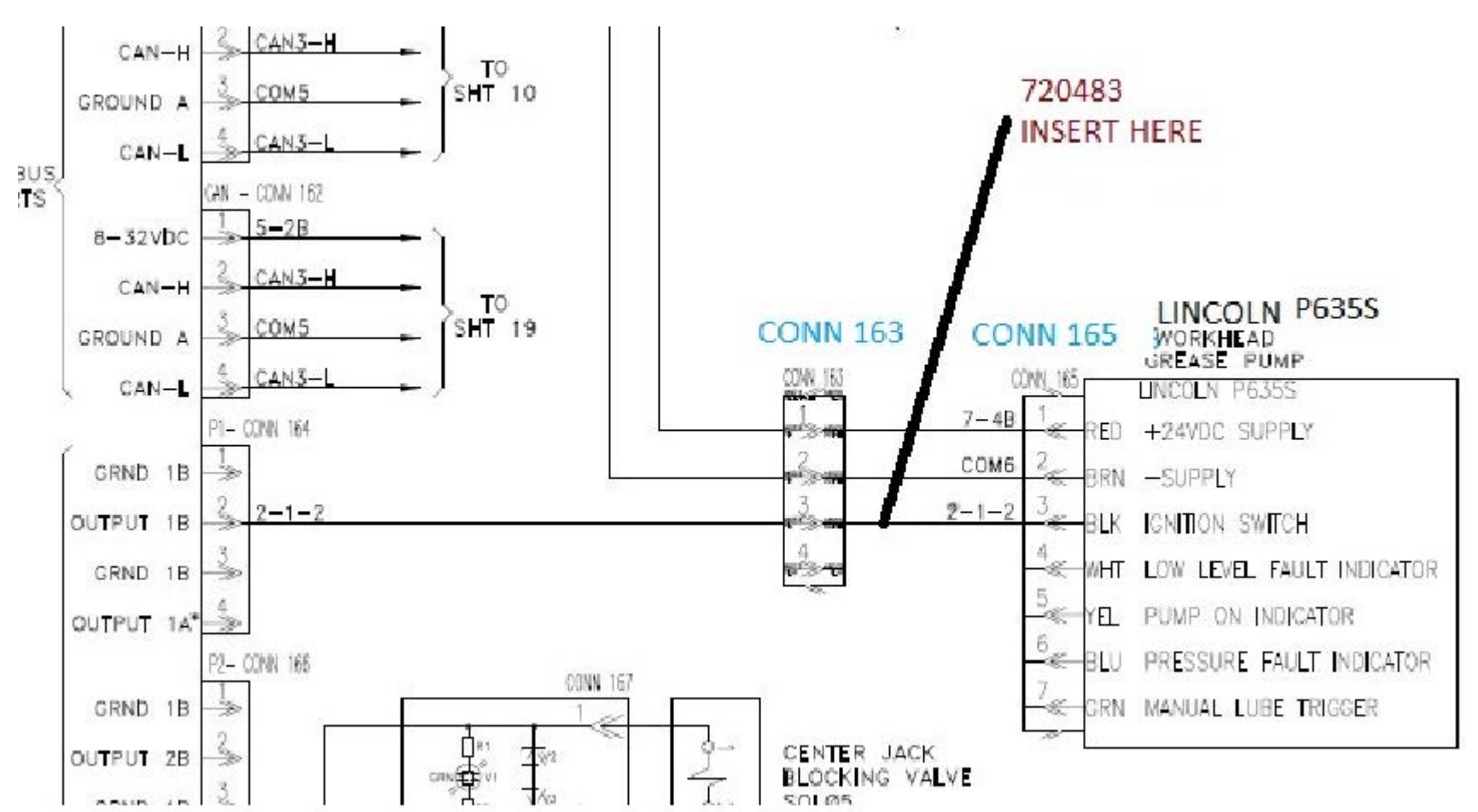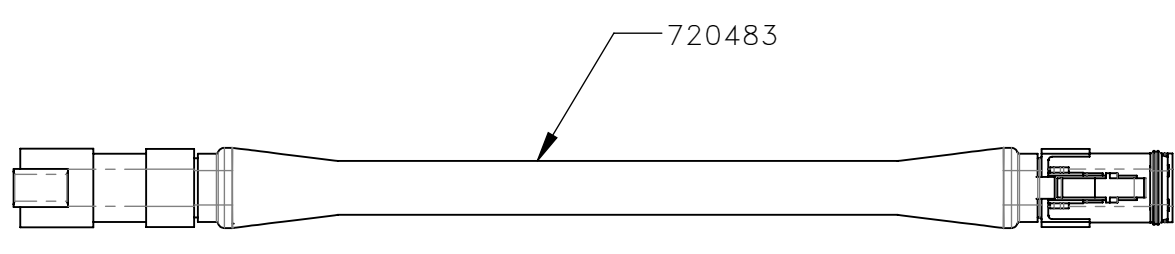**NOTE: SHEET 2 ARE ACTUAL PICTURES OF COVER PLACEMENTS**

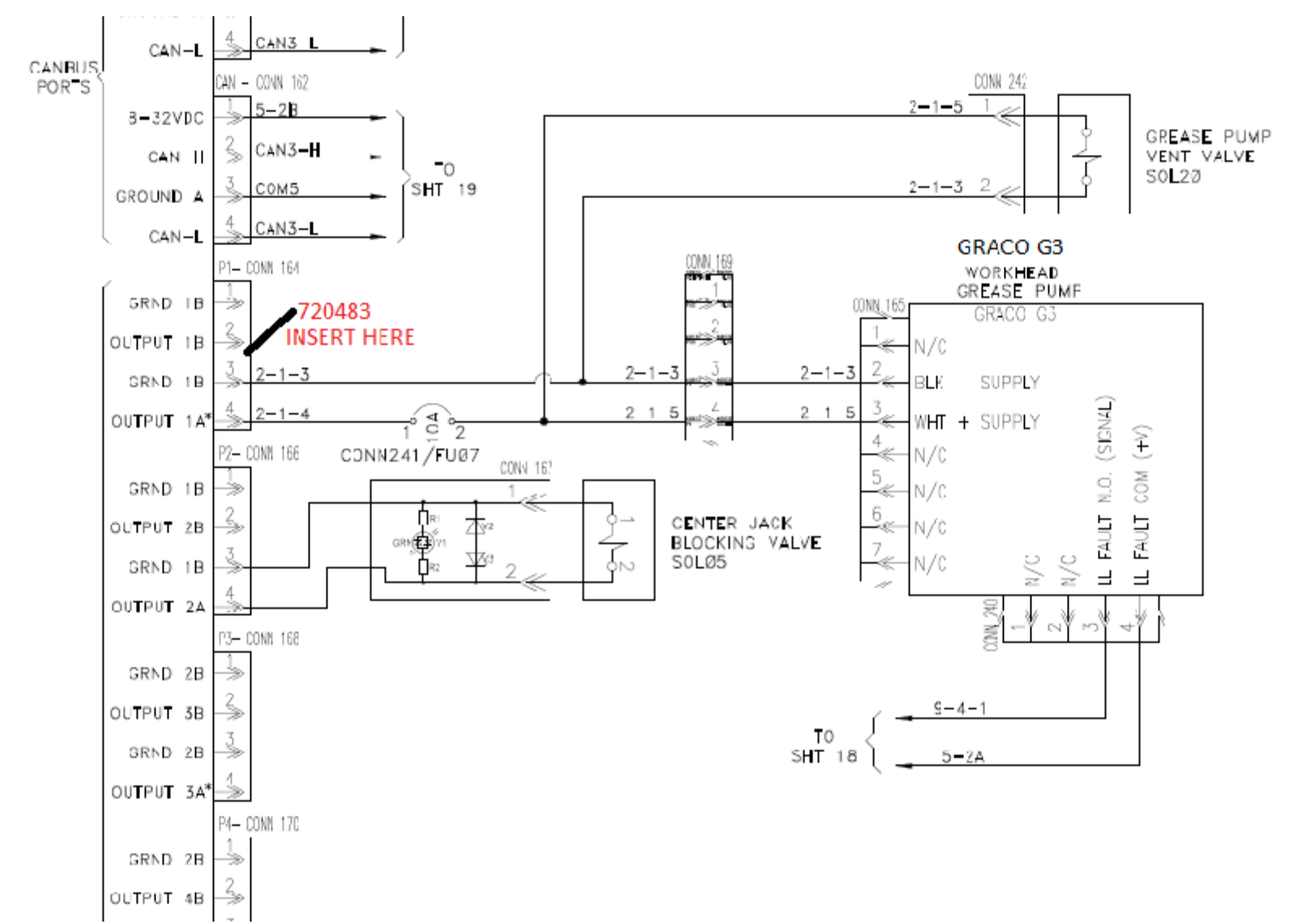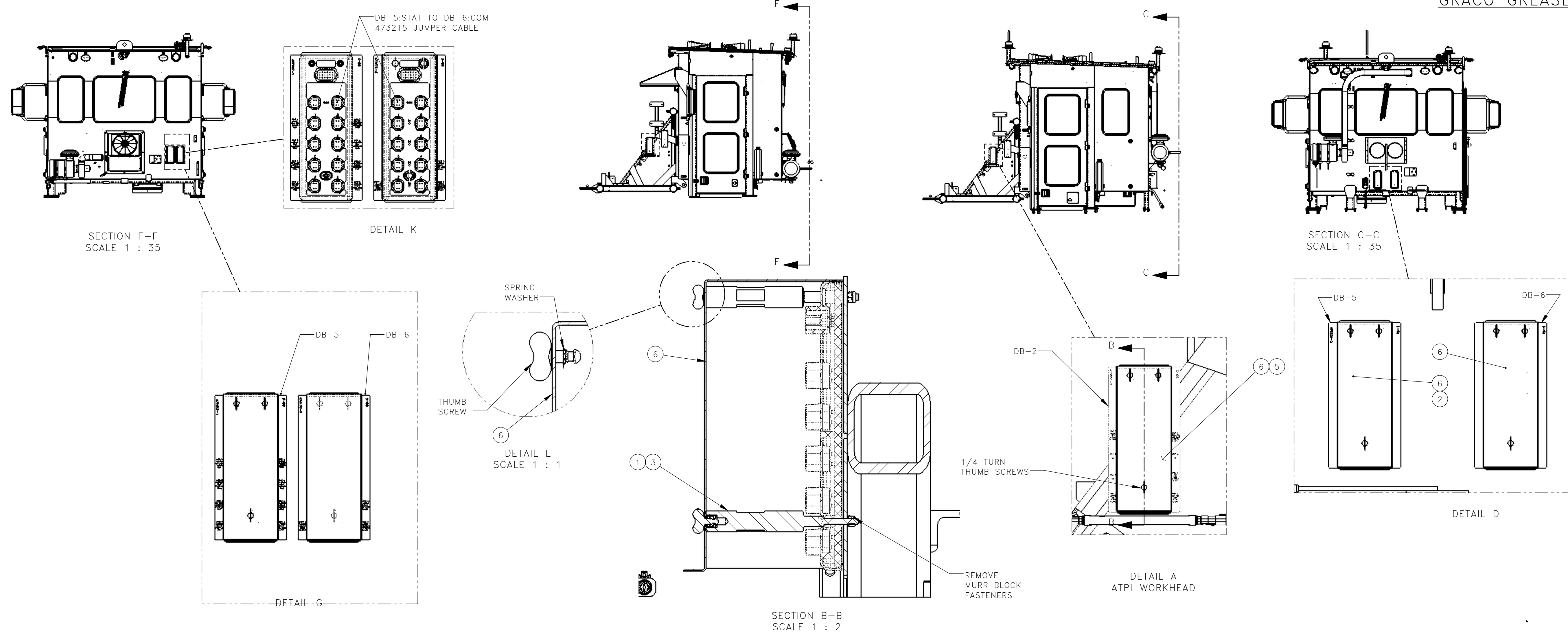| NO.	QTY	DESCRIPTION	PART NO.
1	REF	NUT, HEX ES: 10-24	456470
2	REF	CABLE, MICRO: 4 PIN DEUTSCH 1 M	473215
3	REF	STANDOFF, MURR BLOCK	720478
4	REF	STANDOFF, MURR BLOCK COVER: ATPI	720479
5	REF	WIRE HARNESS, EXTENTION GREASE PUMP	720483
6	REF	COVER, MURR BLOCK: SINGLE	782404

FIG 1.1
LINCOLN GREASER

FIG 1.2
GRACO GREASER

720483

SECTION F-F
SCALE 1 : 35

DETAIL K

SECTION C-C
SCALE 1 : 35

DB-5:STAT TO DB-6:COM
473215 JUMPER CABLE

DETAIL G

SPRING WASHER

THUMB SCREW

DETAIL L
SCALE 1 : 1

SECTION B-B
SCALE 1 : 2

REMOVE MURR BLOCK FASTENERS

1/4 TURN THUMB SCREWS

DETAIL A
ATPI WORKHEAD

DETAIL D

RACINE RAILROAD PRODUCTS
RACINE, WISCONSIN USA

REV	EN	DESCRIPTION	DATE	DRN
1	00147	NEW RELEASE	3-23	PR

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED

LINEAR	.XX=±.03	.XXX=±.010	KERF ALLOW.
ANGULAR	X°=±1°	X.X°=±.5°	

SURFACE FINISH NOT TO EXCEED 125 / SMOOTH ALL SHARP EDGES CLEAN ALL WELDS

THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS

DESCRIPTION

INSTRUCTIONS, MURR BLOCK COVER KIT: ATPI

MATERIAL TYPE   REFERENCE

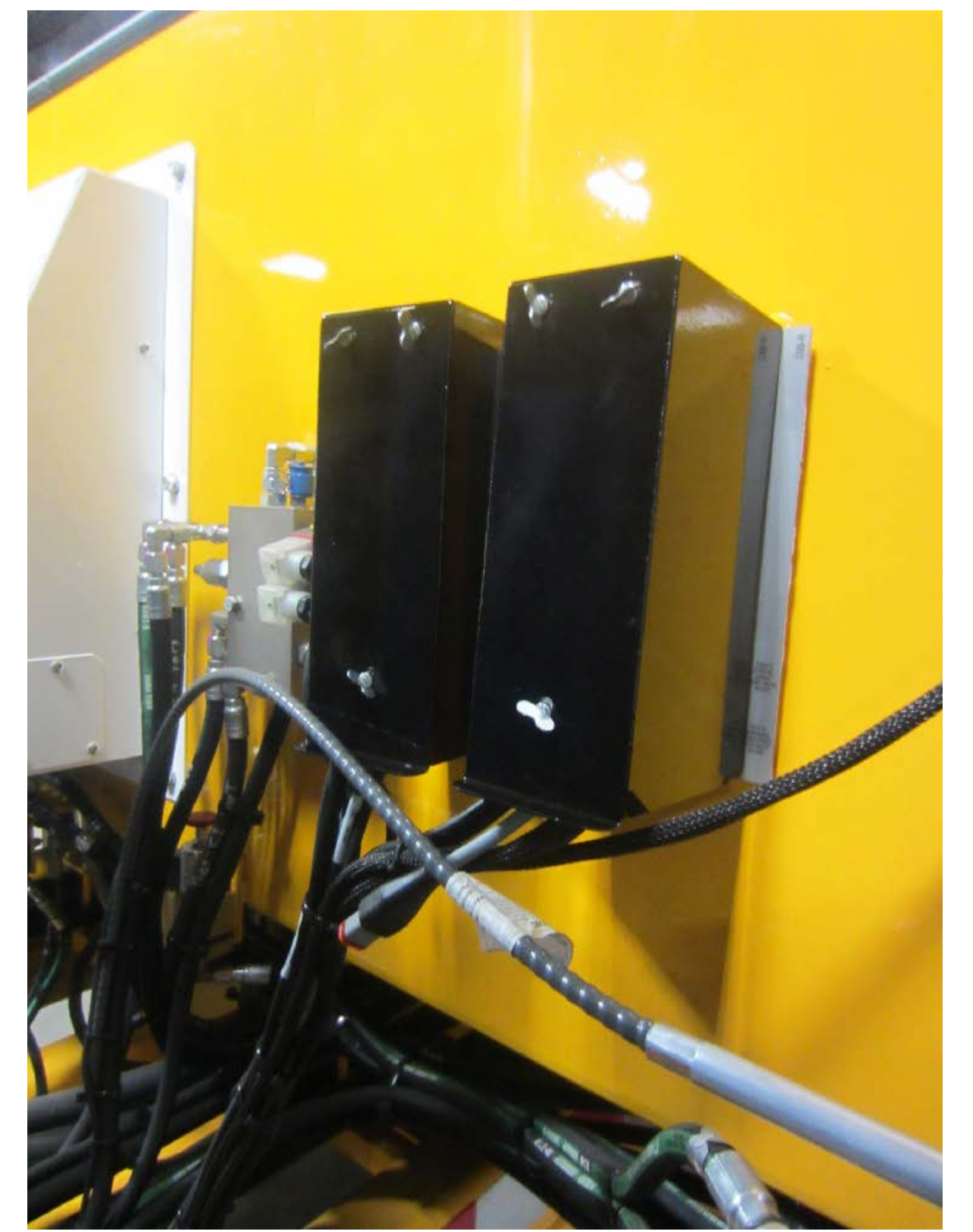| USED ON	793186	SCALE 1:4	DATE 03-04-23
DRN PR	WEIGHT (LBS) 0.00	JOB NO RD150003	SHEET 1 OF 2
DWG SIZE D	CATALOG A	DWG NO 800408	

WORKHEAD MURR BLOCK
W/ LINCOLN GREASER

WORKHEAD MURR BLOCK
W/ GREYON GREASER

SHOWN ON THE 3 PERSON CAB
(UNDER THE HVAC FOR THE 5 PERSON SEE SHT 1)
COVER ALIGNED WITH MURR BLOCK
1/4 TURN THUMB LOCK

REV	EN	DESCRIPTION	DATE	DRN
1	00147	NEW RELEASE	3-23	PR

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED

LINEAR	.XX=±.03	.XXX=±.010	KERF ALLOW.
ANGULAR	X°=±1°	X.X°=±.5°	

SURFACE FINISH 125
NOT TO EXCEED

SMOOTH ALL SHARP EDGES
CLEAN ALL WELDS

THIS PRINT AND ALL INFORMATION WITHIN BELONGS
TO RACINE RAILROAD PRODUCTS

RACINE RAILROAD PRODUCTS
RACINE, WISCONSIN USA

DESCRIPTION

INSTRUCTIONS, MURR BLOCK
COVER KIT: ATPI

MATERIAL TYPE
REFERENCE

USED ON		SCALE	DATE
793186		1:4	03-04-23
DRN	WEIGHT (LBS)	JOB NO	SHEET
PR	0.00	RD150003	2 OF 2
DWG SIZE	CATALOG	DWG NO	
D	A	800408	