

INSTRUCTIONS:

1. DISCONNECT, REMOVE AND DISCARD WIRE HARNESS FROM OLD OIL COOLER (CONN076) BACK TO BELOW CAB (CONN087). HARNESS FROM CONN087 BACK INTO CAB REMAINS AS-IS.
2. REMOVE TEMPERATURE SENSOR AND ADAPTERS FROM OLD OIL COOLER. TEMPORARILY DISCONNECT CORDSET FROM SENSOR.
3. DISCONNECT AND REMOVE HYDRAULIC CONNECTIONS FROM OLD OIL COOLER.
4. ADD TEMPERATURE SENSOR AND ADAPTERS TO NEW OIL COOLER.
5. REMOVE OLD OIL COOLER FROM OIL RESERVOIR.
6. FASTEN NEW OIL COOLER TO OIL RESERVOIR.
7. CONNECT HYDRAULIC CONNECTIONS TO NEW OIL COOLER.
8. SEE SHEET #3 FOR REWIRING THE NEW OIL COOLER, INCLUDING APPLYING THE NEW DECAL FOR MVEC MODULE #7.



ARRANGE TEMPERATURE SENSOR AND ADAPTERS AS SHOWN

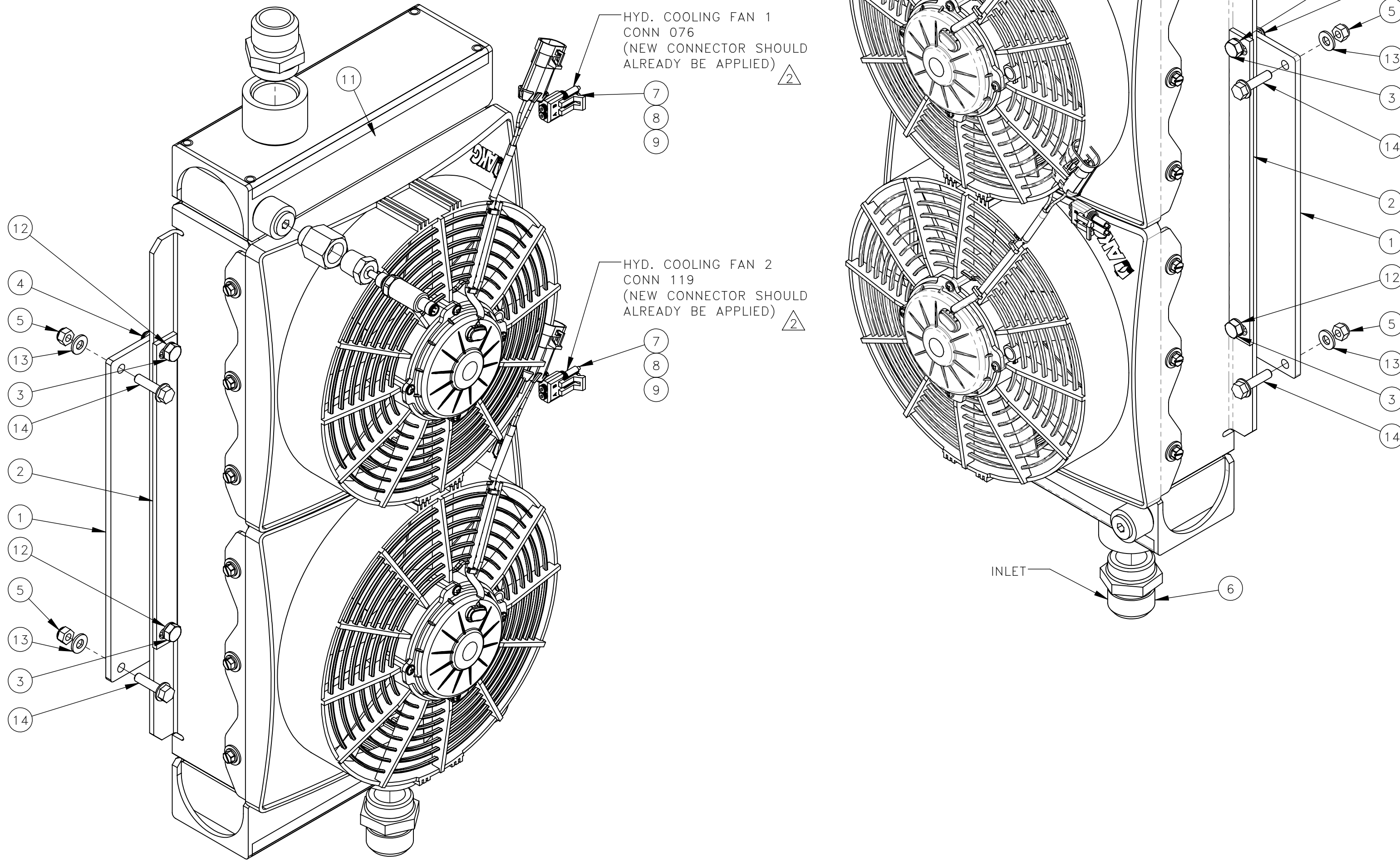


HYD. COOLING FAN 1  
CONN 076  
(NEW CONNECTOR SHOULD  
ALREADY BE APPLIED)

- 7
- 8
- 9

HYD. COOLING FAN 2  
CONN 119  
(NEW CONNECTOR SHOULD  
ALREADY BE APPLIED)

- 7
- 8
- 9



NO.	QTY	DESCRIPTION	PART NO.
1	REF	PLATE, MOUNTING	319189
2	REF	FLAT	319190
3	REF	SCR, HEX: .38-16 X 1.25	400713
4	REF	NUT, HEX ES: .38-16	450577
5	REF	NUT, HEX ES: .31-18	450578
6	REF	ADAPTER, #20 JIC(M) X #20 SAE(M)	462674
7	REF	TERM, WIRE: 14 GA FEMALE	463485
8	REF	SEAL, WIRE: 14 GA	463488
9	REF	CONN, PLUG: 2 PIN	465559
10	REF	COOLER	473658
11	REF	DECAL, MVEC MODULE 7	473738
12	REF	WASHER, FLT: .38	490959
13	REF	WASHER, FLT: .31	491259
14	REF	SCR, HEX FLG: .31-18 X 1.25	491710
15	REF	WIRE HARNESS, COOLING FAN	718713
16	REF	WIRE HARNESS, COOLING FAN	718752



REV	EN	DESCRIPTION	DATE	DRN
1	3386	NEW RELEASE	8-18	DJW
2	3455	SEE EN	8-18	SAG

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR	.XX=±.03	.XXX=±.010	
ANGULAR	X°=±1°	X.X°=±.5°	

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

THIS PRINT AND ALL INFORMATION WITHIN  
BELONGS TO RACINE RAILROAD PRODUCTS

**RACINE RAILROAD PRODUCTS**  
RACINE, WISCONSIN USA

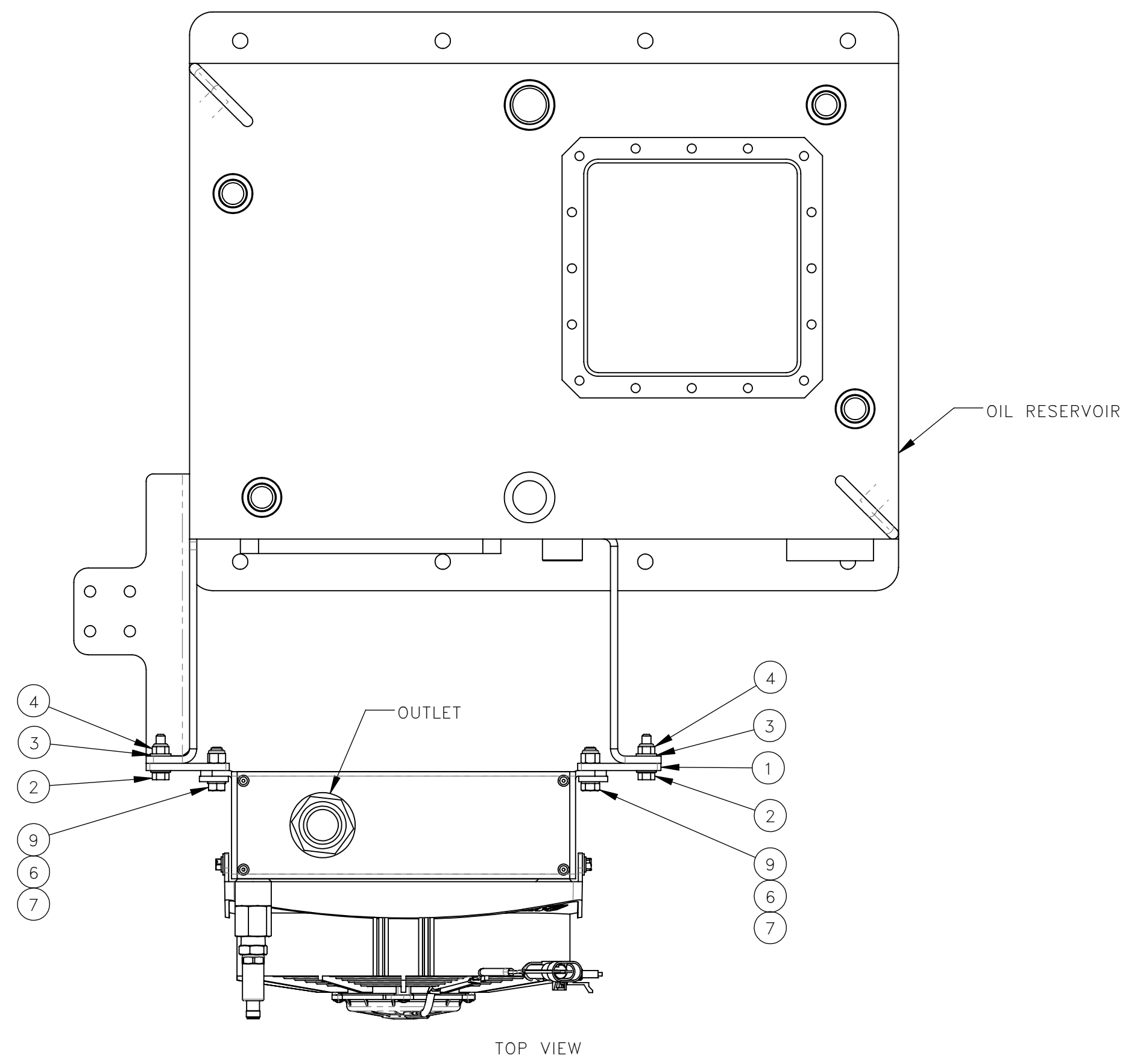
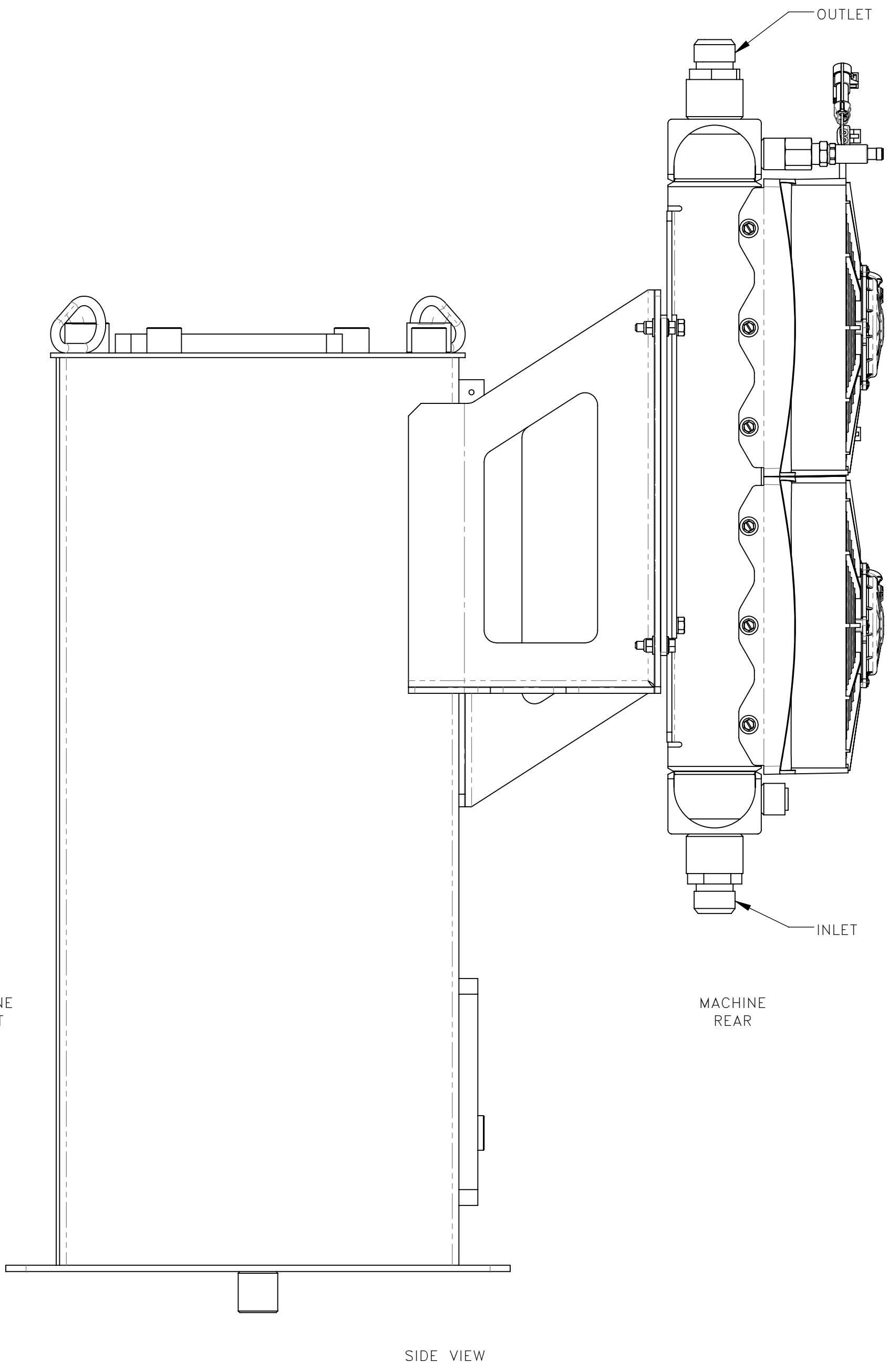
DESCRIPTION  
INSTRUCTIONS, OIL COOLER

MATERIAL  
SEE BOM

USED ON 793032 SCALE 1:3 DATE 08-03-18

DRN DW CHK APP JOB NO RD150003 SHEET 1 OF 3

EXP NO DWG NO



REV	EN	DESCRIPTION	DATE	DRN
1	3386	NEW RELEASE	8-18	DJW
2	3455	SEE EN	8-18	SAG

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED

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

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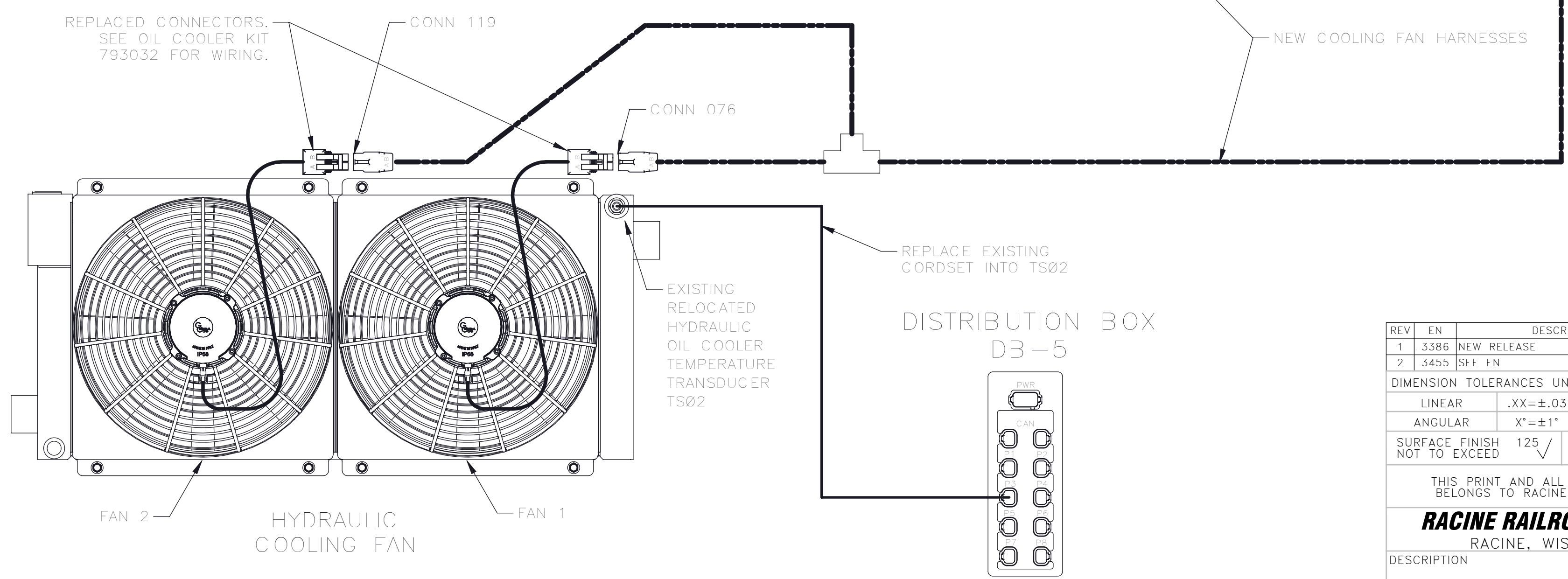
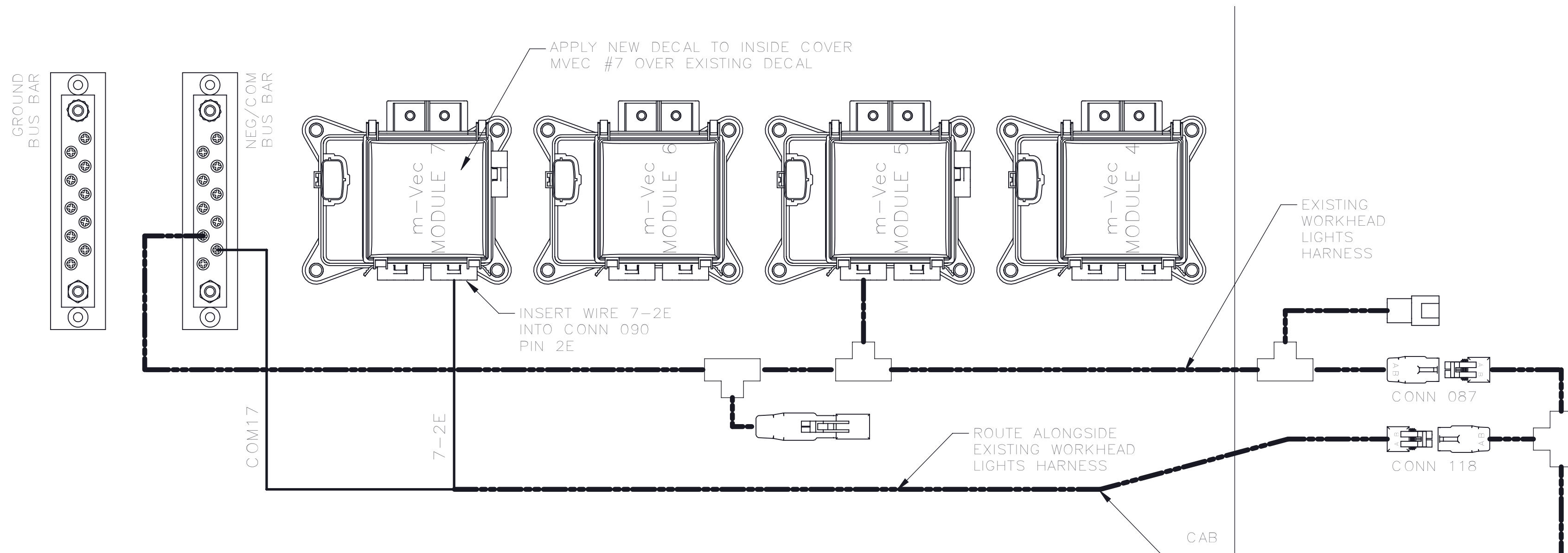
**RACINE RAILROAD PRODUCTS**  
RACINE, WISCONSIN USA

DESCRIPTION  
INSTRUCTIONS, OIL COOLER

MATERIAL  
SEE BOM

USED ON	SCALE	DATE
793032	1:4	08-03-18

DRN	CHK	APP	JOB NO	SHEET
DW			RD150003	2 OF 3
EXP NO			DWG NO	
			800295	



REV	EN	DESCRIPTION	DATE	DRN
1	3386	NEW RELEASE	8-18	DJW
2	3455	SEE EN	8-18	SAG

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED

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

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

THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS

**RACINE RAILROAD PRODUCTS**  
RACINE, WISCONSIN USA

DESCRIPTION  
**INSTRUCTIONS, OIL COOLER**

MATERIAL  
SEE BOM

USED ON	793032	SCALE	1:1	DATE	08-03-18
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DRN	DW	CHK	APP	JOB NO	RD150003	SHEET	3 OF 3
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EXP NO		DWG NO	800295
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