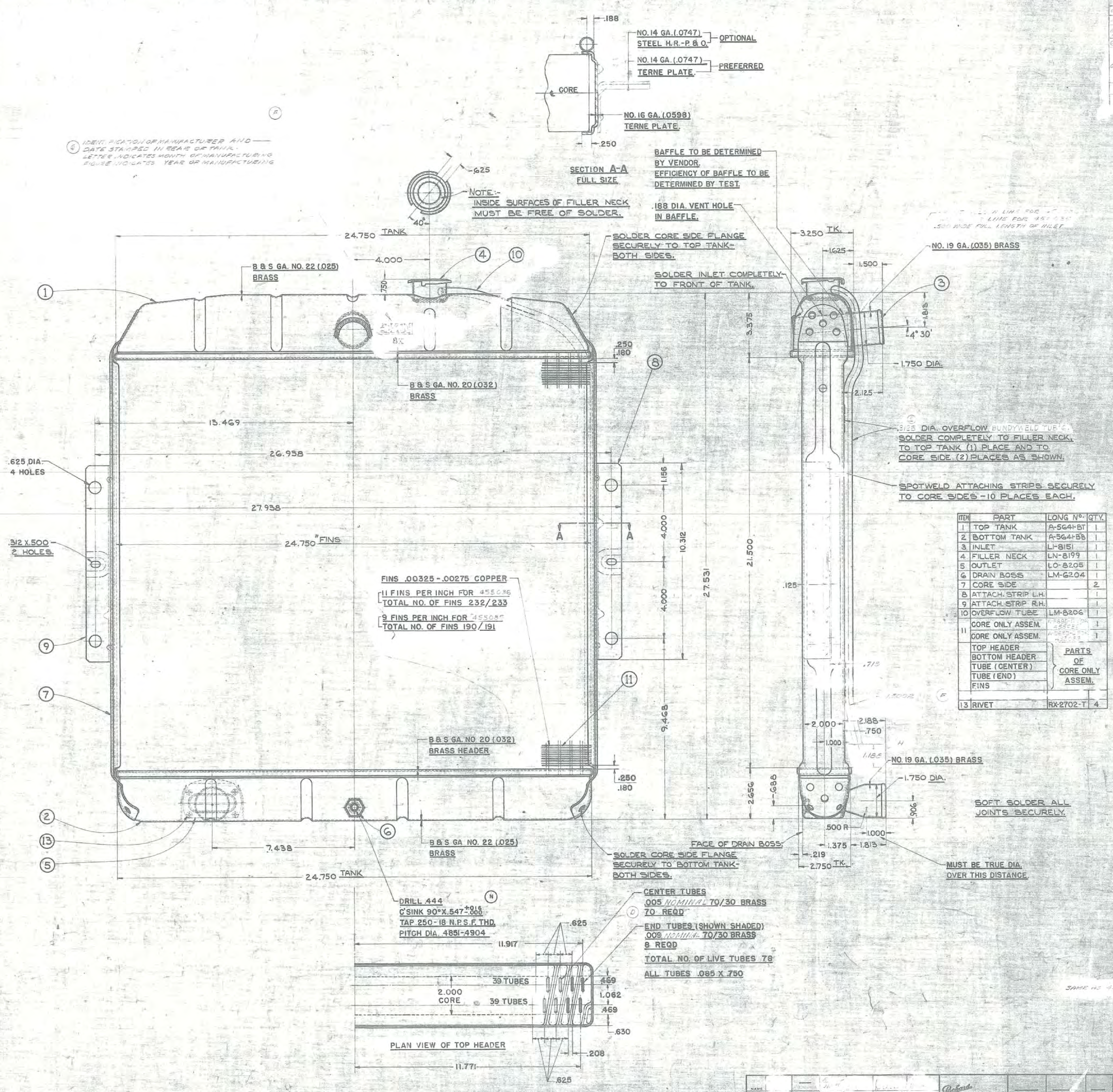
ALT. NO.	LET.	ZONE	ALTERATIONS	DATE	DTR.	CKR.
—	A	—	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		—	[illegible] A-B			
		—	[illegible]			
[illegible]	C	—	[illegible]		[illegible]	
63215	E	—	.3125 DIA. WAS .375 DIA. [illegible]			
	F	—	NOTE AND NAME PLATE REMOVED			
63275	G	—	STAMPED IN TRADE NAME WITH FIGURES AND LETTERS INDICATING DATE OF MANUFACTURING ADDED.	JULY 24 1953		
	H	—	DIM. 1.188 WAS .188			



.188
NO. 14 GA. (.0747) STEEL H.R.-P. & O. — OPTIONAL
NO. 14 GA. (.0747) TERNE PLATE. — PREFERRED
CORE
NO. 16 GA. (.0598) TERNE PLATE.
.250
SECTION A-A FULL SIZE
G IDENTIFICATION OF MANUFACTURER AND DATE STAMPED IN REAR OF TANK. LETTER INDICATES MONTH OF MANUFACTURING FIGURE INDICATES YEAR OF MANUFACTURING
.625
40°
NOTE:- INSIDE SURFACES OF FILLER NECK MUST BE FREE OF SOLDER.
BAFFLE TO BE DETERMINED BY VENDOR. EFFICIENCY OF BAFFLE TO BE DETERMINED BY TEST.
.188 DIA. VENT HOLE IN BAFFLE.
SOLDER CORE SIDE FLANGE SECURELY TO TOP TANK-BOTH SIDES.
SOLDER INLET COMPLETELY TO FRONT OF TANK.
[illegible] LINE FOR [illegible] LINE FOR 455036 .500 WIDE FULL LENGTH OF INLET
24.750 TANK
4.000
.750
B & S GA. NO. 22 (.025) BRASS
B & S GA. NO. 20 (.032) BRASS
①
④
⑩
③
⑧
⑨
⑦
⑪
②
⑬
⑤
⑥
.250
.180
13.469
26.958
27.938
24.750 FINS
.625 DIA. 4 HOLES
.312 X .500 2 HOLES.
A
A
1.156
4.000
4.000
10.312
9.468
27.531
21.500
3.375
2.656
.688
.125
FINS .00325-.00275 COPPER
11 FINS PER INCH FOR 455036 TOTAL NO. OF FINS 232/233
9 FINS PER INCH FOR 455035 TOTAL NO. OF FINS 190/191
B & S GA. NO 20 (.032) BRASS HEADER
B & S GA NO. 22 (.025) BRASS
7.438
24.750 TANK
DRILL .444 C'SINK 90°X.547 +.016 -.000 TAP .250-18 N.P.S.F. THD. PITCH DIA. .4851-.4904
N
SOLDER CORE SIDE FLANGE SECURELY TO BOTTOM TANK-BOTH SIDES.
FACE OF DRAIN BOSS.
CENTER TUBES .005 NOMINAL 70/30 BRASS 70 REQD
D
END TUBES (SHOWN SHADED) .009 NOMINAL 70/30 BRASS 8 REQD
TOTAL NO. OF LIVE TUBES 78
ALL TUBES .085 X .750
11.917
.625
39 TUBES
2.000 CORE
39 TUBES
.469
1.062
.469
.630
.208
.625
11.771
PLAN VIEW OF TOP HEADER
3.250 TK.
1.625
1.500
NO. 19 GA. (.035) BRASS
1.813
4° 30'
1.750 DIA.
2.125
3/16 DIA. OVERFLOW BUNDYWELD TUBE. SOLDER COMPLETELY TO FILLER NECK, TO TOP TANK (1) PLACE AND TO CORE SIDE (2) PLACES AS SHOWN.
SPOTWELD ATTACHING STRIPS SECURELY TO CORE SIDES - 10 PLACES EACH.
.715
2.000
2.188
.750
1.000
1.188
NO. 19 GA. (.035) BRASS
1.750 DIA.
.906
.500 R
1.000
1.375
1.813
.219
2.750 TK.
MUST BE TRUE DIA. OVER THIS DISTANCE.
SOFT SOLDER ALL JOINTS SECURELY.

ITEM	PART	LONG Nº.	QTY.
1	TOP TANK	A-5641-BT	1
2	BOTTOM TANK	A-5641-BB	1
3	INLET	LI-8151	1
4	FILLER NECK	LN-8199	1
5	OUTLET	LO-8205	1
6	DRAIN BOSS	LM-6204	1
7	CORE SIDE		2
8	ATTACH. STRIP L.H.		1
9	ATTACH. STRIP R.H.		1
10	OVERFLOW TUBE	LM-8206	1
11	CORE ONLY ASSEM.	A-5695-[illegible] FOR 455035	1
	CORE ONLY ASSEM.	A-5695-[illegible] FOR 455036	1
	TOP HEADER BOTTOM HEADER TUBE (CENTER) TUBE (END) FINS	PARTS OF CORE ONLY ASSEM.	
13	RIVET	RX-2702-T	4

10-LONG MANUFACTURING CO. NO. OR EQUIVALENT.

9-FRONTAL AREA 533.115 SQ. IN.

8-THIS RADIATOR TO BE USED WITH 13 LBS. MAX. PRESSURE.

7-SOLDER CORE TUBE 25-75, BALANCE OF SOLDER ON RADIATOR 38-62.

6-PAINT DULL BLACK.

5-ALL PARTS TO BE SECURELY SOLDERED UNLESS OTHERWISE SPECIFIED.

4-FLOW 30 GALLONS PER MINUTE. (MIN.)

3-CAPACITY 14.5 PINTS. FOR 455035 (APPROX.) AND 14.9 PINTS FOR 455036 (APPROX.)

2-CORE SHOULD SHOW NO LEAKS WHEN SUBMERGED IN WATER UNDER 16 LBS. AIR PRESSURE.

1-SAMPLE TO BE SUBMITTED FOR TEST OF COOLING, AERATION, SPILLOVER AND RECEIVE ENGINEERS APPROVAL BEFORE PURCHASING.

ALL HOLES AND SHARP CORNERS TO BE BURRED .005 TO .015 UNLESS OTHERWISE SPECIFIED. ALLOWABLE VARIATION ON DIMENSIONS LOCATING FINISHED SURFACES IS PLUS OR MINUS .010 UNLESS OTHERWISE SPECIFIED. ALLOWABLE VARIATION ON CASTING DIMENSIONS IS PLUS OR MINUS 1-32 AND ON FORGING DIMENSIONS PLUS 1-16 MINUS .000 UNLESS OTHERWISE SPECIFIED. REMOVE SCALE FROM FORGINGS. REMOVE SAND AND FINS FROM CASTINGS. FORGING DRAFT ANGLES 7° UNLESS OTHERWISE SPECIFIED. DOT AND DASH LINES INDICATE ROUGH STOCK.

455035

SAME AS 433742 [illegible] EXCEPT [illegible]

NAME						
DATE						
BY	DTR.	TCR.	CKR.	MET.	CF. DN.	ENG.

Packard MOTOR CAR COMPANY DETROIT, MICHIGAN

MATERIAL	SIZE	SHAPE	FORM
—	—	—	—

NAME	
RADIATOR CORE ASSEMBLY. 327	455036
RADIATOR CORE ASSEMBLY. 288	455035