HALL SCOTT POWER

Parts List

DEFENDER

Marine Engine

Models 2268 & 2269

Hall-Scott Motor Division

Simulated Cover September 23, 2016

MODEL 2268-1 AND 2269-1

CONTRACT NObs-67912

40 ENGINES

332329	Upper Crankcase
334220	Crankshaft
331992	Cylinder Block
333618	Piston and Connecting Rod
332619	Cylinder Head
332880	Lower Crankcase
332536	Flywheel Housing
332291	Oil Pump
334226	Sprocket Housing
332282	Gear Carrier
332533	Sea Water Pump
334223	Fresh Water Pump
334229	Bilge Pump
333785	Exhaust Manifold
334224	Intake Manifold
334225	Fresh Water Thermostat
334652	Oil Filter
331873	Mechanical Fuel Pump
334433	Electrical Fuel Pump
334278	Carburetion and Control
334280	Overspeed Governor
334434	Distrib. and Distrib. Drive
334281	Ignition Wires
332379	Spark Plug
334219	Starter
334227	Oil Cooler
332879	Oil Gage & Oil Scav. Pump
332366	Reverse Gear
334272	Parts Shipped with Engine

PARTS LIST

GROUP MODEL NAME 7700,2260

OIL PRESSURE REGULATING VALVE

GROUP - 331862
SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	317084	1	BODY ASSEMBLY-OIL PRESSURE REGULATING VALVE - (TO ITEM 11 INC.)
2	317883	1	BODY-OIL PRESSURE REGULATING VALVE
3	317885	1	VALVE-OIL PRESSURE REGULATING
4	305686	1	SPRING-OIL PRESSURE REGULATING VALVE
5	317886	1	SCREW-OIL PRESSURE REGULATING VALVE ADJUSTING
6	15781	1	NUT-HEX. - CHECK - 1"-14 NF2
7			
8	317887	1	CAP-OIL PRESSURE REGULATING VALVE
9	16040	1	GASKET-OIL PRESSURE REGULATING VALVE CAP
10	315799	2	BUSHING-OIL PRESSURE REGULATING VALVE BODY (1/2"x 1/2")
11	5211	1	BUSHING-OIL PRESSURE REGULATING VALVE BOD (3/4"x 7/16")
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13	317898	1	GASKET-OIL PRESSURE REGULATING VALVE BODY
14	1300	4	CAP SCREW-HEX. HEAD - 5/16"-24 NF3 x 1"LONG
15	[illegible]	4	WASHER-LOCK - 5/16"SAE STANDARD
16	6495	1	PLUG-THERMOMETER BULB HOUSING
17	1573	1	GASKET-THERMOMETER BULB HOUSING PLUG
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DATE	CHANGE	DATE	CHANGE
4-8-53	RETYPED - SUPS 7-26-50 - NO CHANGE (AEE)		

HALL SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

SHEET 1 OF 1 SHEETS, COMPRISING PARTS LIST NUMBER 331873

NAME OF GROUP MECHANICAL FUEL PUMP

ITEM	PART NO.	NO. REQ'D	NAME	GRINDLER-HILL NO.
1	312642	1	FUEL PUMP ASSEMBLY - R.H. BANK (TO 24 INCL.)	9113-1
2	312843	1	FUEL PUMP ASSEMBLY - L.H. BANK (TO 24 INCL.)	9113-1 REV.
3	328975	1	HOUSING ASSEM.-BUSHING, OIL SEAL & FUEL PUMP (TO 6 INCL.)	6660
4	328974	1	HOUSING-FUEL PUMP (NSS)	5530-1
5	328817	1	BUSHING-FUEL PUMP SHAFT	1056-2
6	161052	1	SEAL-OIL - 7/8"OD- 1/2"ID- 1/4" THICK	3967
7	328820	1	SHAFT ASSEM.-COLLAR & FUEL PUMP	6075
8	328819	1	SPRING-FUEL PUMP OIL SEAL	3115
9	328825	1	WASHER-FUEL PUMP OIL SEAL	3201
10	328826	1	PLATE-FUEL PUMP REAR BEARING	3603
11	328827	1	RETAINER-FUEL PUMP REAR BEARING	3670
12	328828	1	ROTOR-FUEL PUMP	5215
13	328829	2	VANE-FUEL PUMP	5301
14	328822	1	SPRING-FUEL PUMP VANE	1101
15	328821	1	GUIDE-FUEL PUMP-VANE SPRING	1201
16	328830	1	COVER ASSEM.-FUEL PUMP	7061-1
17	327401	1	GASKET-FUEL PUMP COVER	2001
18	100111	4	CAP SCREW-HEX. HEAD- 1/4-20-NC3 x 1 1/4"	1406
19	114604	4	WASHER-EXTERNAL TOOTH LOCK - 1/4"	1308
20	324935	1	VALVE-FUEL PUMP RELIEF	2504
21	324936	1	SPRING-FUEL PUMP RELIEF VALVE	1739
22	328823	1	CAP-FUEL PUMP RELIEF VALVE GUIDE	1524
23	328824	3	CAP-FUEL PUMP - PLAIN	1525
24	327780	4	GASKET-FUEL PUMP CAP	2022
25				
26				
27				
28			PARTS OF FINAL ASSEMBLY	
29				
30	308541	2	GASKET-FUEL PUMP TO CYLINDER HEAD	
31	6208	4	STUD-FUEL PUMP - 5/16" x 1 5/32"	
32	103025	4	NUT-HEX. - 5/16-24-NF2	
33	103320	4	WASHER-LOCK - 5/16" SAE STD.	
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DATE	CHANGE	DATE	CHANGE
3-3-44	RETYPED - SUPS. 6-9-43 MF		
	ITEMS 3 TO 24 INCL. ADDED FUEL PUMP PARTS.		
1-11-50	TYPED ON BUDD PLATE (NO CHANGE)		

DIV. OF AMERICAN CAR AND FOUNDRY MOTORS CO.

HALL-SCOTT MOTOR CAR CO INC. WORKS, BERKELEY, CAL.

C-HA DI... (EVANS) PUMP 318 V-12

PARTS LIST

GROUP NAME: CYLINDER BLOCK

GROUP - 331992

SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME
1	318872	2	BLOCK ASSEMBLY-CYLINDER - (To 5 INCL.)
2	318866	1	BLOCK-CYLINDER (NSS) To 3 INCL.)
3	144026	4	PLUG-PIPE. 1 1/2" CTRSK HEADLESS - BRASS
4	318025	32	STUD-OIL COOLER & CYL. BLOCK WATER JACKET COVER
5	5246	2	DOWEL-CYLINDER BLOCK TO CYL. HEAD LOCATING
6			
7			
8			PARTS OF FINAL ASSEMBLY
9	317730	2	GASKET-CYLINDER BLOCK TO UPPER CRANKCASE
10	327378	1	NAME PLATE-ENG. (2268-87) FOR 321416-7 CAMSHAFTS) (STAMP CODE NO. PER ORDER)
11	327379	1	NAME PLATE-ENG. (2269-86) FOR 321416-7 CAMSHAFTS) (STAMP CODE NO. PER ORDER)
12	317980	1	NAME PLATE-ENG. (2268-87) FOR 317736-7 CAMSHAFTS)
13	317981	1	NAME PLATE-ENG. (2269-86) FOR 317736-7 CAMSHAFTS)
14	318447	1	NAME PLATE-ENG. (R.H. 2268-87 (FOR U.S. NAVY IT. 16 OR 17) (L.H. 2269-86 (AS DESIGNATED ON ORDER)
15	160007	8	DRIVE SCREW. RD. HD HARDENED #4(.416 DIA.) X 1/4 BRASS PL.
16	323629	1	PLATE-BU.OF SHIPS NO. (OPT.FOR US NAVY 2268-87 -2269-86)
17	317982	1	PLATE-BU. OF SHIPS NO.(OPT. FOR US NAVY 2268-87-2269-86)
18	404897	1	PLATE-NAME - BU.OF SHIPS STOCK NO. (OPT. STAMP PER ORDER)
19	407989	1	PLATE-NAME - CONTRACT, STOCK NO. AND H.P.
20			THE FOLLOWING ITEMS #22 TO 25 INCL. ARE STD. FOR MODELS
21			2268-9,86-88-89- WHEN HEAT EXCH. ARE USED, USE ITEMS 30-37 INCL
22	317756	2	COVER-CYLINDER BLOCK WATER JACKET
23	317757	2	GASKET-CYLINDER BLOCK WATER JACKET COVER
24	103026	32	NUT-HEX.- 3/8"-24 NF2
25	4923	32	WASHER-COPPER- 25/64" ID X 3/4" OD X 1/16" THICK
26			
27			THE FOLLOWING ITEMS 30 TO 37 INCL. ARE OPT. FOR MODELS 2268-9
28			2286-87, 88,89, & REQUIRED ONLY WHEN HEAT EXCH. ARE USED.
29			
30	324191	2	COVER-CYLINDER BLOCK WATER JACKET
31	317757	2	GASKET-CYL. BLOCK WATER JACKET COVER
32	103026	32	NUT-HEX.- 3/8"-24 NF2
33	4923	32	WASHER-COPPER- 25/64" ID X 3/4" OD X 1/16" THICK
34	324192	2	CONNECTION-CYLINDER BLOCK WATER JACKET
35	324193	2	GASKET-CYL. BLOCK WATER JACKET CONNECTION
36	100013	8	CAP SCREW- HEX. HD. 5/16"-24 NF3 X 3/4" LONG
37	103920	8	WASHER-LOCK- 5/16" SAE STD.
38			
39			THE FOLLOWING ITEMS 41 TO 45 INCL. ARE STD. FOR MOD. 3368-9-8
40			
41	321504	2	COVER-CYLINDER BLOCK WATER JACKET
42	317757	2	GASKET-CYLINDER BLOCK WATER JACKET COVER
43	103026	32	NUT-HEX. 3/8"-24 NF2
44	4923	32	WASHER-COPPER- 25/64" ID X 3/4" OD X 1/16" THICK
45	321505	2	ELBOW-CYLINDER BLOCK WATER JACKET COVER
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DATE	CHANGE	DATE	CHANGE
9-7-50	RETYPED. SUPS- 1-17-49 (VS)		
	ADDED NOTE TO ITEMS-10-11- & ADDED		
	ITEM 18		
2-21-53	ADDED ITEM 19 (407989)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

MOD-2268-69-2286-87

PARTS LIST

SHEET 1 OF 1 SHEETS, COMPRISING PARTS LIST NUMBER 332282

NAME OF GROUP GEAR CARRIER

	PART NO.	NO. REQ'D	NAME
1	322164	1	CARRIER ASSEMBLY-COMPLETE GEAR (2268, 2287, 3368, 3387) (TO 22 INCL.)
2	322165	1	CARRIER ASSEMBLY-COMPLETE GEAR (2269, 2286, 3369, 3386) (TO 22 INCL.)
3	321168	1	CARRIER ASSEMBLY-GEAR (TO 7 INCL.) (2268, 2287, 3368, 3387)
4	321169	1	CARRIER ASSEMBLY-GEAR (TO 7 INCL.) (2269, 2286, 3369, 3386)
5	321167	1	CARRIER-GEAR (NSS)
6	321049	2	NUT-GEAR CARRIER
7	313621	2	PIN-STEEL - 3/16" x 7/16"
8	103883	2	PIPE PLUG-HEADLESS SLOTTED - 1/8" - CAST IRON
9	321171	1	PIPE ASSEMBLY-GEAR CARRIER OIL (TO 11 INCL.)
10	160576	14"	TUBING-COPPER - 1/4"OD ANNEALED
11	160016	1	NUT-SAE FLARED TUBE COUPLING (SHORT) FOR 1/4" TUBING
12	118753	1	ELBOW-SAE FLARED TUBE CPLG.-1/8"PIPE THD. TO 1/4" TBG.
13	321172	1	CLAMP-PIPE - 1/4" TUBING x 13/16" CENTERS
14	123332	1	CAP SCREW-HEX. HEAD - 5/16-24-NF3 x 3/8" LONG
15	317817	1	SPROCKET-ACCESSORY DRIVE GEAR & - R.H. SPIRAL
16	318062	1	SPROCKET-ACCESSORY DRIVE GEAR & - L.H. SPIRAL
17	317830	2	SHAFT-ACCESSORY DRIVE SPROCKET
18	317819	2	SPACER-ACCESSORY DRIVE SPROCKET BEARING
19	160755	4	BEARING-BALL - DOUBLE ROW - #5305
20	321048	2	CAP SCREW-DRILLED HEX. HEAD - 7/16-20-NF3 x 5" LONG
21	317962	2	WASHER-STEEL - 15/32"ID- 1 1/4"OD- 3/16" THICK
22	117747		WIRE-STEEL - #16(.0625"DIA.) W&M GAGE
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27			PARTS OF FINAL ASSEMBLY
28	321170	1	TRAY-GEAR CARRIER OIL
29	321576	4	CAP SCREW-HEX. HEAD DRILLED - 5/16-24- x 7/8" LONG
30	4300	4	WASHER-STEEL - 21/64"ID- 9/16"OD- 3/64" THICK
31	117747	AS REQ.	WIRE-STEEL - #16(.0625"DIA.) W&M GAGE
32	317096	4	NUT-GEAR CARRIER ATTACHING - 5/8-18-NF3
33	103385	4	PIN-COTTER - 1/8" x 1" LONG - STEEL
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DATE	CHANGE	DATE	CHANGE
8-11-44	RETYPED BRW SUPS. 9-1-42		
-25	NO CHANGE "Y" ON PLATE		

DIV. OF AMERICAN CAR AND FOUNDRY M[illegible]

HALL-SCOTT [illegible] WORKS, BERKELEY, CAL.

PARTS LIST

GROUP NAME: OIL PUMP

GROUP · 332291

SHEET · 1 OF 2

ITEM	PART NO.	NO. REQ.	NAME
1	321211	2	OIL PUMP ASSEMBLY - (To 19 INCL.)
2	321278	1	BODY ASSEM.-OIL PUMP(PRESSURE) (To 5 INCL.)
3	321277	1	BODY-OIL PUMP (NSS)
4	320782	2	DOWEL-OIL PUMP BODY - 1/4" X 1" LONG
5	321269	3	STUD-OIL PUMP BODY - 3/8" X 3 3/16" LONG
6	321896	1	BODY-ASSEMBLY-OIL PUMP (SCAVENGE) (To 10 INCL.)
7	321279	1	BODY-OIL PUMP (NSS) (To 9 INCL.)
8	100671	1	SCREW-FILL. HD. 12-24 X 1/4" LONG
9	319695	1	WASHER-COPPER- 7/32" ID X 23/64" OD X 1/32" THICK
10	320793	1	SHAFT-OIL PUMP IDLER
11	320787	1	DIAPHRAGM-OIL PUMP
12	320789	2	GASKET-OIL PUMP
13	103026	3	NUT-HEX.- 3/8"-24
14	4323	3	WASHER-COPPER - 25/64" ID X 3/4" OD X 1/16" THICK
15	321209	1	SHAFT-OIL PUMP DRIVE
16	320790	2	GEAR-OIL PUMP DRIVE
17	327148	2	GEAR ASSEM.-OIL PUMP IDLER (To 19 INCL.)
18	320791	1	GEAR-OIL PUMP IDLER (NSS)
19	327019	1	BUSHING-OIL PUMP IDLER GEAR
20			
21			PARTS OF FINAL ASSEMBLY
22			
23	307491	2	GASKET-OIL PUMP BODY
24	103026	8	NUT-HEX.- 3/8"-24
25	4323	4	WASHER-COPPER- 25/64" ID X 3/4" OD X 1/16" THICK
26	103321	4	WASHER-LOCK- 3/8" SAE STD.
27	4299	4	WASHER-STEEL- 25/64" ID X 3/4" OD X 1/16" THICK
28	103868	1	PLUG-PIPE- SQ. HD. 1/2"- CAST IRON
29	322535	4	CLAMP-PIPE- (FOR TWO 3/4" TUBES)
30	113698	4	CAP SCREW- HEX. HD. 1/4"-28 X 1/2" LONG
31	103024	4	NUT-HEX.- 1/4"-28
32	103319	4	WASHER-LOCK- 1/4" SAE STD.
33	326818	1	PIPE ASSEM.-OIL PUMP TO UPPER CASE -PRESS. SUCTION-R.H.(To 38.
34	326819	1	PIPE ASSEM.-OIL PUMP TO UPPER CASE--PRESS.SUCTION.L.H.(To 36 IN
35	160774	83½"	TUBING-COPPER - 3/4" OD
36	160840	2	NUT-TUBE COUPLING - PARKER #12-B
37	160838	2	ELBOW-TUBE COUPLING -PARKER #12-C
38	326816	1	PIPE ASSEM-OIL PUMP TO UPPER CASE-SCAV.RETURN-R.H. (To 41 INCL.
39	326817	1	PIPE ASSEM-OIL PUMP TO UPPER CASE-SCAV.RETURN-L.H. (To 41 INCL.
40	160774	48¾"	TUBING-COPPER - 3/4" OD
41	160840	2	NUT-TUBE COUPLING - PARKER #12-B
42	160838	1	ELBOW-TUBE COUPLING- PARKER #12-C
43	160853	1	TEE-TUBE COUPLING - PARKER #8-12-12-MR
44	321340	1	PIPE ASSEM.-LOWER CASE TO OIL PUMP SUC. REAR SUMP(L.H. STD. FOR GEAR) TO
45	321341	1	PIPE ASSEM.-LOWER CASE TO OIL PUMP SUC. REAR SUMP(R.H. STD. FOR GEAR) TO
46	160774	9⅜"	TUBING-COPPER - 3/4" OD
47	160840	1	NUT-TUBE COUPLING - PARKER #12-B
48	160842	1	SLEEVE-TRIPLE TUBE CPLG-PARKER #12-T
49	160843	1	NUT-TRIPLE TUBE CPLG.- PARKER #12-BT
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HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

NOD 2268-2269- (Furnish Pump) ¾" and Under)

DATE	CHANGE	DATE	CHANGE
9-7-50	RETYPED - SUPS - 4-30-96 - 1951		
	ADDED ITEM 27		

PARTS LIST

SHEET 2 OF 2 SHEETS, COMPRISING PARTS LIST NUMBER 332291

NAME OF GROUP OIL PUMP

	PART NO.	NO. REQ'D	NAME
1	325730	1	PIPE ASSEM.-LOWER CASE TO OIL PUMP SUCTION-REAR SUMP-R.H. (OPT. FOR 1100 W/ REV. GEAR) (TO 6 INCL.)
2	325731	1	PIPE ASSEM.-LOWER CASE TO OIL PUMP SUCTION-REAR SUMP-L.H. (OPT. FOR 1100 W/ REV. GEAR) (TO 6 INCL.)
3	160774	18"	TUBING-COPPER - 3/4"OD
4	160840	1	NUT-TUBE COUPLING - PARKER #12-B
5	160842	1	SLEEVE-TRIPLE TUBE COUPLING - PARKER #12-T
6	160843	1	NUT-TRIPLE TUBE COUPLING - PARKER #12-BT
7	160837	2	CONNECTOR-TUBE COUPLING - PARKER #12-F
8	160841	2	CONNECTOR-TRIPLE TUBE COUPLING - PARKER #12-FT
9	321348	1	PIPE ASSEM.-OIL PUMP TO OIL FILTER-R.H. BANK (STD.) FOR "CUNO" FILTER (TO 11 INCL.)
10	160774	11 3/8"	TUBING-COPPER - 3/4"OD
11	160840	2	NUT-TUBE COUPLING - PARKER #12-B
12	326813	1	PIPE ASSEM.-OIL PUMP TO OIL FILTER-L.H. BANK (STD.) FOR "CUNO" FILTER (TO 14 INCL.)
13	160774	12 3/4"	TUBING-COPPER - 3/4"OD
14	160840	2	NUT-TUBE COUPLING - PARKER #12-B
15	160838	2	ELBOW-TUBE COUPLING - PARKER #12-C (STD.) FOR "CUNO" FILTER
16	325776	2	PIPE ASSEM.-OIL PUMP TO OIL FILTER (OPT.) FOR "WINSLOW" FILTER (TO 18 INCL.)
17	160774	15"	TUBING-COPPER - 3/4"OD
18	160840	2	NUT-TUBE COUPLING - PARKER #12-B
19	160838	4	ELBOW-TUBE COUPLING - PARKER #12-C (OPT.) FOR "WINSLOW" FILTER
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DATE	CHANGE	DATE	CHANGE
2-4-44	RETYPED BRW SUPS. 8-3-42		
	NO CHANGE		
	(TYPED ON PLATE)		

HALL-SCOTT
MOTOR CAR CO., INC. WORKS, BERKELEY, CAL.
DIV. OF AMERICAN CAR AND FOUNDRY MOTORS CO.

PARTS LIST

GROUP NAME — UPPER CRANKCASE — GROUP - 332329 — SHEET - 1 OF 3

ITEM	PART NO.	NO. REQ.	NAME
1	326822	1	CRANKCASE ASSEMBLY-COMPLETE UPPER (TO 36 INCL.)
2	326821	1	CRANKCASE ASSEM.-STUDS, DOWELS & UPPER (TO 29 INCL.)
3	321420	1	CRANKCASE-UPPER (NSS) (TO 6 INCL.)
4	404010	2	PLUG-PIPE CTRSK HEADLESS- 1/2" C.I. MILLED FLUSH
5	321423	6	BUSHING-CRANKCASE OIL LINE
6	402326	6	GASKET-OIL LINE BUSHING - 61/64" OD
7	103895	4	PLUG-EXPANSION- 1 1/4" DIA. X .083" TH. -STEEL
8	103890	2	PLUG-EXPANSION- 1/2" DIA. X .065" TH. - STEEL
9	326808	28	STUD-CYLINDER HEAD HOLD DOWN- 3/4" X 16 9/16"
10	317763	14	STUD-MAIN BEARING - 3/4" X 5 11/16"
11	317822	4	STUD-GEAR CARRIER MOUNTING - 5/8" X 7 1/8"
12	6217	16	STUD-GENERATOR ADAPTER MOUNTING - 3/8" X 1 7/16 LONG
13	5246	6	DOWEL-LOCATING - 5/16" & 3/8" DIA.
14	307532	14	DOWEL-MAIN BEARING CAP
15	317712	1	DOWEL-REAR MAIN BEARING SHELL LOCATING
16	2671	2	DOWEL-GEAR CARRIER LOCATING
17	103868	1	PLUG-PIPE- SQ. HD.- 1/2"-CAST IRON
18	317959	3	CAP ASSEM.-MAIN BEARING-FRONT, CENTER, REAR (TO 20 INCL.)
19	317764	1	CAP-MAIN BEARING-FRONT, CENTER, REAR (NSS)
20	317145	1	DOWEL-MAIN BEARING CAP
21	317960	4	CAP ASSEM.-MAIN BEARING-INTERMEDIATE (TO 23 INCL.)
22	317765	1	CAP-MAIN BEARING - INTERMEDIATE (NSS)
23	317145	1	DOWEL-MAIN BEARING CAP
24	302140	14	NUT-MAIN BEARING STUD
25	308126	14	WASHER-MAIN BEARING STUD NUT
26	324526	2	BOLT-UPPER CRANKCASE LIFTING "U"
27	102647	4	NUT-HEX.-SLOTTED- 1/2-20 NF2
28	103323	4	WASHER-LOCK- 1/2" SAE STD.
29	103374	4	PIN-COTTER- 3/32" X 1" LONG - STEEL
30	321935	1	SHELL-MAIN BEARING-CASE HALF- FRONT (SHAFT SIZE
31	321940	1	SHELL-MAIN BEARING-CASE HALF- REAR (SHAFT SIZE
32	321945	2	SHELL-MAIN BEARING-CAP HALF-FRONT & REAR (SHAFT SIZE
33	321950	4	SHELL-MAIN BEARING-CASE HALF-INTERMEDIATE (SHAFT SIZE
34	321955	4	SHELL-MAIN BEARING-CAP HALF-INTERMEDIATE (SHAFT SIZE
35	321960	1	SHELL-MAIN BEARING-CASE HALF-CENTER-FLANGED (SHAFT SIZE
36	321965	1	SHELL-MAIN BEARING-CAP HALF-CENTER-FLANGED (SHAFT SIZE
37			
38			
39			PARTS OF FINAL ASSEMBLY
40	117747	98"	WIRE-STEEL-#16(.0625" DIA.) W&M GAUGE
41	327331	2	PIPE ASSEM.-OIL SUMP TO UPPER CASE(STD.)(TO 43 INCL.) (FOR DEL. SUMP ALUM LOWER-C
42	160774	13 3/16"	TUBING-COPPER- 3/4" OD
43	144309	1	NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 3/4" TUBING
44	321333	2	PIPE ASSEM.-OIL SUMP TO UPPER CASE(OPT.)(TO 46 INCL.) (FOR SH (SUMP ALUM-LOWER CRANKCASE)
45	160774	9 7/16"	TUBING-COPPER- 3/4" OD
46	144309	1	NUT-SAE FLARED TUBE CPLG.(SHORT)-FOR 3/4" TUBING
47	325658	2	PIPE ASSEM.-OIL SUMP TO UPPER CASE(OPT.)(TO 49 INCL.) (FOR DE (SUMP CAST IRON LOWER CRANKCASE)
48	160774	12 11/16"	TUBING-COPPER- 3/4" OD
49	144309	1	NUT-SAE FLARED TUBE CPLG.(SHORT)-FOR 3/4" TUBING
50	110287	2	CONNECTOR-SAE FLARED TUBE CPLG.-1/2" PIPE THD. TO 3/4" TUBING
51	120322	1	BUSHING-REDUCING PIPE - 1/2" TO 3/8" BRASS - (FOR ALARM CONNECT
52	161133	1	PLUG-PIPE - 3/8" - BRASS - (TO PLUG ALARM CONNECTION)

DATE	CHANGE	DATE	CHANGE
4-20-49	RETYPED - SUPS 6-11-45		
	ADDED ITEM 6		
10-30-50	ITEM 12 WAS - 317978		
2-12-53	ADDED ITEMS 51 & 52 (AFF)		

HALL-SCOTT
MOTOR CAR CO., INC., WORKS, BERKELEY, CAL
DIVISION OF
A. C. F. - BRILL MOTORS COMPANY

Mod. V-12 - For 3/4" Oil Lines

PARTS LIST

GROUP
NAME — UPPER CRANKCASE — GROUP 332329
SHEET - 2 OF 3

ITEM	PART NO.	NO. REQ.	NAME
			THE FOLLOWING ITEMS #4 TO #14 INCL. ARE STD. FOR MODELS
			2268-9, 3368-9. WHEN HEAT EXCHANGERS ARE USED. USE
3			ITEMS #19 TO #35 INCL.
4	318029	2	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL (SHORT) (TO 6 INCL.)
5	160266	1 7/8"	TUBING-COPPER - 5/16" OD
6	160001	2	NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16" TUBING
7	118749	2	CONNECTOR-SAE FLARED TUBE CPLG. 1/8" PIPE THD TO 5/16" TBG.
8	318031	2	TEE-SAE FLARED TUBE METERED - FOR 5/16" TBG. (TO 9 INCL.)
9	316215	1	PLUG-SAE FLARED TUBE METERED
10	318030	2	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL - LONG (TO 12 INCL.)
11	160266	6 3/4"	TUBING-COPPER- 5/16" OD
12	160001	2	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 5/16" TUBING
13	118754	2	ELBOW-SAE FLARED TUBE CPLG. 1/8" PIPE THD. TO 5/16" TBG.
14	160001	1	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 5/16" TUBING
15			
16			THE FOLLOWING ITEMS #19 TO 35 INCL. ARE OPT. FOR MODELS
17			2268-9, 3368-9, AND ARE REQUIRED ONLY WHEN HEAT EXCHANGERS
18			ARE USED:
19	324506	1	PIPE ASSEM.-UPPER CRANKCASE TO CYL. HEAD OIL-(SHORT)(TO 21 INCL)
20	160266	2 5/8"	TUBING-COPPER - 5/16" OD
21	160001	2	NUT-SAE FLARED TUBE CPLG (SHORT) FOR 5/16" TUBING
22	318029	1	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL-(SHORT) (TO 24 INCL.)
23	160266	1 7/8"	TUBING-COPPER- 5/16" OD
24	160001	2	NUT-SAE FLARED TUBE CPLG(SHORT) FOR 5/16" TUBING
25	118749	2	CONNECTOR-SAE FLARED TUBE CPLG.-1/8" PIPE THD. TO 5/16" TBG.
26	318031	2	TEE-SAE FLARED TUBE METERED- FOR 5/16" TUBING (TO 27 INCL.)
27	316215	1	PLUG-SAE FLARED TUBE METERED
28	324507	1	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL(LONG) TO 30 INCL.)
29	160266	7 3/8"	TUBING-COLPER- 5/16" OD
30	160001	2	NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16" TUBING
31	318030	1	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL(LONG) TO 33 INCL.)
32	160266	6 3/4"	TUBING-COPPER - 5/16" OD
33	160001	2	NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16" TUBING
34	118754	2	ELBOW-SAE FLARED TUBE CPLG.-1/8" PIPE THD. TO 5/16" TBG.
35	160001	1	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 5/16" TUBING
36			
37			USE THE FOLLOWING PARTS, ITEMS 39-52 INCL. FOR MODELS 2286-7,
38			2288-9, 3386-7.(WHEN HEAT EXCH. ARE USED USE IT.4-17 INCL. SH.3)
39	318029	1	PIPE ASSEM.-UPPER CASE TO CYL. HD. OIL-(SHORT)(TO 41 INCL.)
40	160266	1 7/8"	TUBING-COPPER- 5/16" OD
41	160001	2	NUT-SAE FLARED TUBE CPLG.-(SHORT) FOR 5/16" TUBING
42	118749	2	CONNECTOR-SAE FLARED TUBE CPLG. 1/8" PIPE THD. TO 5/16" TBG.
43	318031	1	TEE-SAE FLARED TUBE METERED- 1/8" PIPE THD.(FOR 5/16" TBG.)
44	316215	1	PLUG-SAE FLARED TUBE - METERED
45	318030	1	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL- (LONG)(TO 47 INCL.)
46	160266	6 1/4"	TUBING-COPPER - 5/16" OD
47	160001	2	NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16" TUBING
48	118754	2	ELBOW-SAE FLARED TUBE CPLG.-1/8" PIPE THD. TO 5/16" TUBING
49	320913	1	PIPE ASSEM.-UPPER CASE TO CYL. HEAD OIL (TO 51 INCL.)
50	160266	10 5/16	TUBING-COPPER - 5/16" OD
51	160001	2	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 5/16" TUBING
52	160001	1	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 5/16" TUBING

DATE	CHANGE	DATE	CHANGE
8-1-50	RETYPED - SUPS-7-29-92 (VS)		
	NO CHANGE		

DIVISION OF A. C. F. - BRILL MOTORS COMPANY

HALL-SCOTT MOTOR CAR CO. WORKS, BERKELEY, CAL.

FOR 3/4" OIL LINES 20-22

PARTS LIST

GROUP NAME: UPPER CRANKCASE

GROUP - 332329

SHEET - 3 OF 3

ITEM	PART NO.	NO. REQ		NAME
1				THE FOLLOWING ITEMS #4 TO 17 INCL. ARE OPT. FOR MODELS
2				2286-1, 2287-1, AND ARE REQUIRED ONLY WHEN HEAT EXCHANGER
3				IS USED.
4	320913	1		PIPE ASSEM.-UPPER CASE TO CYL. HEAD (TO 6 NCL)
5	160266	10 9/16"		TUBING-COPPER - 5/16"OD
6	160001	2		NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16'TUBING
7	324506	1		PIPE ASSEM.-UPPER CASE TO CYL. HEAD. SHORT (TO 9 INCL.)
8	160266	2 9/16"		TUBING COPPER - 5/16"OD
9	160001	2		NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16"TUBING
10	324507	1		PIPE ASSEM.-UPPER CASE TO CYL. HEAD. (LONG) (TO 12 INCL.)
11	160266	7 7/8"		TUBING-COPPER - 5/16"OD
12	160001	2		NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16"TUBING
13	318031	1		TEE-SAE FLARED TUBE METERED. 1/8"PIPE THD. (TO 5/16"TUBING
14	316215	1		PLUG-SAE FLARED TUBE METERED
15	118749	2		CONNECTOR-SAE FLARED TUBE- 1/8"PIPE THD. TO 5/16"TUBING
16	118754	2		ELBOW-SAE FLARED TUBE CPLG.- 1/8"PIPE THD. TO 5/16"TUBING
17	160001	1		NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 5/16'TUBING
18				
19	118757	1		ELBOW-SAE FLARED TUBE FITTING
20	118752	1		CONNECTOR-SAE FLARED TUBE FITTING
21	408216	1		PIPE ASSEMBLY-OIL PRESSURE ALARM EXTENSION
22	408217	1		SUPPORT-OIL PRESSURE ALARM PIPE
23	144076	1		COUPLING-PIPE - 3/8"BRASS
24				
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DATE	CHANGE	DATE	CHANGE
8-29-50	RETYPED- SUPS-3-25-41- (VS)		
	NO CHANGE		
4-22-53	ADDED ITEMS 19 TO 23 INCL. (APF)		

HALL-SCOTT MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.

DIVISION OF A. C. F. BRILL MOTORS COMPANY

V-12-MARINE FOR 3/4" OIL LINES

PARTS LIST

GROUP MODEL NAME 2268, 2269,

REVERSE GEAR
CAPITOL PHS

GROUP - 332366
SHEET - 1 OF 4

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY	CAPITOL NO.
1	322044	1			*GEAR ASSEMBLY - CAPITOL MODEL PHS - INCLUDES ALL	
2					ITEMS TO 14, SHEET 3, PLUS ALL THOSE ITEMS	
3					MARKED WITH * ON SHEETS 3 AND 4.	
4	322644	1			CASE ASSEMBLY-REVERSE BEVEL GEAR (TO ITEM 10 INCL.)	PH.209
5	322662	1			CASE.BEVEL GEAR (NSS)	PH.210-A
6	322663	1			COVER.BEVEL GEAR CASE (NSS)	PH.212.A
7						
8	318506	12			STUD.REVERSE GEAR BEVEL CASE	P 221
9	103045	12			NUT.HEX. - 3/8"-24"	P.222
10	117747	As Req'd			WIRE.ANNEALED STEEL - .0625" DIA.	P.223
11	318481	1			GEAR.REVERSE GEAR BEVEL DRIVING	PH.215
12	160771	1			BEARING.BALL SINGLE ROW RADIAL MCR 120.R	P.211.A
13						
14	322665	1			GEAR.REVERSE GEAR BEVEL DRIVEN	PH.216 A
15	322669	1			LOCK RING.REVERSE GEAR BEVEL DRIVEN GEAR	PHS.325
16	160398	1			BEARING.BALL SINGLE ROW RADIAL MCR 217-S	P.213.A
17	322670	1			LOCK NUT.REVERSE GEAR BEVEL DRIVEN GEAR	PHS.329
18	318220	1			WASHER - REVERSE GEAR BEVEL DRIVEN GEAR	
19					LOCKNUT	Y.330
20						
21	318056	4			PINION.REVERSE GEAR BEVEL INTERMEDIATE	P.217.A
22	160762	4			BEARING.BEVEL PINION ROLLER TIMKEN #3659	P.218.A
23	321221	1			SPIDER ASSEM..REVERSE GEAR (TO ITEM 25 INCL.)	
24	318744	1			SPIDER.REVERSE GEAR	PH.219
25	318745	1			BEARING.REVERSE GEAR SPIDER THRUST	PH.227
26						
27	318057	8			DISC.CLUTCH DRIVING - BRONZE	PH.230
28	322666	7			DISC.CLUTCH DRIVEN IRON	PHS.233
29	318471	1			DRUM ASSEM..CLUTCH ENGAGING (TO ITEM 34 INCL.)	P.234.B
30	318470	1			DRUM.CLUTCH ENGAGING	
31	318472	3			SPRING.CLUTCH QUICK RELEASE	P.235
32						
33	318473	3			PLUNGER.CLUTCH QUICK RELEASE SPRING	P.236
34	103372	3			PIN.COTTER 3/32" DIA. X 1/2" LONG	P.237
35	321214	1			RING ASSEM..CLUTCH ADJUSTING (TO ITEM 50 INCL.)	PH.241
36	318475	1			RING.CLUTCH ADJUSTING (NSS) (TO ITEM 37 INCL.)	PH.245
37	301203	3			PIN.STEEL 3/16" DIA. X 1 11/16" LONG	
38						
39	309405	1			BOLT.CLUTCH ADJUSTING RING CLAMP	K.247
40	309406	1			NUT.CLUTCH ADJUSTING RING CLAMP BOLT	K.248
41	103374	1			PIN.COTTER - 3/32" DIA. X 1" LONG	
42	321215	3			PLUNGER ASSEM..BELL CRANK & (TO ITEM 48 INCL.)	PH.238
43	318209	1			PLUNGER.CLUTCH ENGAGING	G.239.T
44						
45	318210	1			LINK.CLUTCH ENGAGING PLUNGER	G.243.T
46	318241	1			PIN.CLUTCH ENGAGING PLUNGER LINK	G.286.T
47	318211	1			LEVER.CLUTCH ENGAGING	G.240.T
48	318242	1			PIN.CLUTCH ENGAGING LEVER - PLAIN	G.301.T
49	318243	3			PIN.CLUTCH ENGAGING LEVER - DRILLED	G.246.T
50	103384	6			PIN.COTTER - 1/8" DIA. X 3/4" LONG STEEL	
51						
52					*PURCHASED FROM AUTO ENGINE WORKS	

DATE	CHANGE	DATE	CHANGE
7.6.51	RETYPED - SUPERSEDES (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL
NAME 2268,2269

REVERSE GEAR
CAPITOL PHS

GROUP - 332366
SHEET - 2 OF 4

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD	CAPITOL NO.
1	404508	1	SPIDER ASSEM.-CLUTCH SHIFTER - (TO ITEM 7 INCL.)	PH-309-B
2	404506	1	SPIDER-CLUTCH ENGAGING - (TO ITEM 3 INCL.)	PH-310-C
3	405507	3	BUSHING-CLUTCH ENGAGING SPIDER - SMALL	Y-303
4	160770	1	BEARING-BALL SINGLE ROW	PH-306
5	321218	1	SCREW-SHIFTER ENGAGING SPIDER LOCK	PH-305-B
6				
7	322667	1	BUSHING-SHIFTER ENGAGING SPIDER - LARGE -	
8			THREADED	PHS-304
9	321222	1	BAND ASSEM.-MECHANISM & BRAKE	
10			(INCLUDES ALL ITEMS TO 37 INCLUSIVE)	PH-251
11	321223	1	BAND ASSEM.-LINING & BRAKE - (TO ITEM 19 INCL.)	PH-250-B
12	321224	1	BANK-BRAKE - STEEL	
13	321225	1	LINING-BRAKE BAND - BRONZE	P-249-SF
14			NOTE: 321225 LINER IS 5/32" UNDERSIZE FOR	
15			FINISH BORING IN SHOP AFTER REVETING. STAND-	
16			ARD SIZE FOR REPLACEMENT FOR THIS BAND IS	
17			327461 - P-249	
18				
19	118947	32	RIVET - 3/16" DIA. X 7/8" LONG - CTSK HEAD - COP.	
20	318484	1	STUD-BRAKE TOGGLE ADJUSTING	AB-271-B
21	318485	1	SOCKET-BRAKE BAND SLIDING LINK	AB-282
22	321226	1	SPRING-BRAKE BAND EXPANDING	AB-254
23	318487	1	WASHER-BRAKE BAND SPHERICAL	AB-285
24				
25	318489	1	NUT-BRAKE TOGGLE ADJUSTING	AB-272
26	103397	1	PIN-COTTER - 5/32" DIA. X 1 1/4" LONG	
27	318490	1	LINK-BRAKE TOGGLE	AB-283
28	318491	1	LEVER-BRAKE TOGGLE	AB-295
29	318492	2	ROLLER-REVERSE GEAR BRAKE TOGGLE LEVER	AB-296
30				
31	318493	1	BRACKET-REVERSE GEAR TOGGLE LEVER	AB-278
32	103408	1	PIN-COTTER - 3/16" DIA. X 1 1/4" LONG	
33	318507	1	PIN-REVERSE GEAR BRAKE TOGGLE	AB-284
34	318508	1	PIN-REVERSE GEAR BRAKE TOGGLE ROLLER	P-301
35	103384	3	PIN-COTTER - 1/8" DIA. X 3/4" LONG STEEL	AB-299
36				
37	318508	2	PIN-REVERSE GEAR SLIDING LINK	AB-279
38	318494	1	LINK-REVERSE GEAR BRAKE SLIDING	YB-280
39	5074	1	WASHER-STEEL - 1" OD X 1/16" THICK	
40	321227	1	STRAP-REVERSE GEAR BRAKE BAND ANCHOR	PH-269-B
41	321228	1	ANCHOR-REVERSE GEAR BRAKE TOGGLE BRACKET	PH-227-B
42				
43	4848	4	CAP SCREW-BRAKE BAND ANCHOR	AB-273
44	117747	AS REQ'D	WIRE-ANNEALED STEEL - .0625" DIA.	
45	318474	1	YOKE-REVERSE GEAR CLUTCH SHIFTER	PH-315
46	309437	2	SCREW-CLUTCH SHIFTER LEVER	P-312
47	318479	1	FORK-REVERSE GEAR CLUTCH SHIFTER	PH-311
48				
49				
50				
51				
52				

DATE	CHANGE	DATE	CHANGE
7-6-51	RETYPED - SUPERSEDES (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL
NAME 2268,2269

REVERSE GEAR
CAPITOL PHS

GROUP · 332366
SHEET · 3 OF 4

ITEM	PART NO	NO REQ.			NAME (NSS) NOT SOLD SEPARATELY	CAPITOL NO.
1	318512	2			CAP SCREW-CLUTCH SHIFTER FORK	AB-288
2	117747				WIRE-ANNEALED STEEL - .0625 DIA.	
3	318510	1			PIN-REVERSE GEAR SHIFTER FORK	AB-290
4	6467	1			WASHER-SHIFTER FORK PIN	AB-291
5	103407	1			PIN-COTTER - 3/16 DIA. X 1 LONG STEEL	AB-292
6						
7	321229	1			SHAFT-REVERSE GEAR CLUTCH SHIFTER	PH-316-B
8	113782	2			KEY-WOODRUFF - 1/4 X 1 DIA.	P-317
9	322046	1			SHAFT-REVERSE GEAR	PH-327
10	317966	1			DRUM-CLUTCH DRIVING	PH-1116
11						
12	318024	1			FLANGE ASSEM.-REVERSE GEAR DRIVE - (TO 14 INCL.)	
13	317967	1			FLANGE-REVERSE GEAR DRIVE (NSS)	PH-1114
14	324259	1			BUSHING-REVERSE GEAR DRIVE FLANGE	PH-326-B
15						
16					NOTE: ITEMS 12, 13 AND 14 ARE ASSEMBLED TO	
17					THE ENGINE CRANKSHAFT	
18						
19						
20					PARTS OF FINAL ASSEMBLY	
21	322054	1			CONTAINER ASSEM.-REVERSE GEAR THRUST BEARING	
22					(TO ITEM 24 INCL.)	
23	322047	1			CONTAINER-REVERSE GEAR THRUST BEARING (NSS)	
24	322051	4			STUD-THRUST BEARING CONTAINER - 7/16-20 X 2 1/16	
25	322048	1			GASKET-REVERSE GEAR THRUST BEARING CONTAINER	
26	103046	4			NUT-HEX. CASTELLATED - 7/16-20	
27	4230	4			WASHER STEEL - 7/8 OD X 1/16 THICK	
28						
29	117747				WIRE-ANNEALED STEEL - .0625 DIA.	
30	100148	9			CAP SCREW-HEX. HD. - 7/16-14 X 1 1/2 LONG	
31	103322	9			WASHER-LOCK - 7/16 SAE STD.	
32	160877	1			BEARING-BALL DUPLEX - ANGULAR CONTACT - 7414 DB	
33	322052	2			NUT-BALL BEARING LOCK - SAE #N-14	
34						
35	322053	1			WASHER-BALL BEARING LOCKNUT - SAE #W-14	
36	322073	1			RETAINING ASSEM.-REVERSE GEAR THRUST BEARING	
37					(TO ITEM 42 INCL.)	
38	322049	1			RETAINER-REVERSE GEAR THRUST BEARING (NSS) ANODIZE	
39	318500	1		•	RETAINER-REVERSE GEAR SHAFT THRUST BEARING	PH-339
40	329748	1			BAFFLE-REVERSE GEAR THRUST BEARING RETAINER	
41						
42	307370	2			STUD-REVERSE GEAR THRUST BEARING RETAINER	
43	322050	2			GASKET-REVERSE GEAR THRUST BEARING RETAINER	
44	106308	6			CAP SCREW-HEX. HD. - 5/8-18 X 2 1/4 LONG	
45	103325	6			WASHER-LOCK - 5/8 SAE STD.	
46	6467	6			WASHER-STEEL - 1 OD X 1/16 THICK	
47						
48	318501	1		•	PACKING-REVERSE GEAR SHAFT - FLAT	PH-336-P
49	322636	2		•	PACKING-REVERSE GEAR SHAFT - BEVELED	PH-336-B
50	318502	1		•	GLAND-REVERSE GEAR SHAFT PACKING - ANODIZE	PH-338
51						
52						

DATE	CHANGE	DATE	CHANGE
7-6-51	RETYPED - SUPERSEDES (AFF)		
2-4 53	ADDED "ANODIZE" TO ITEMS 38 & 50 (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME MODEL 2268.2269 — REVERSE GEAR, CAPITOL PHS — **GROUP** · 332366 — **SHEET** · 4 OF 4

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY	
1	103028	4			NUT-HEX. - 1/2"-20 NF2	
2	103385	2			PIN-COTTER - 1/8"X 1" LONG	
3	308611	1		*	WASHER-PROPELLER SHAFT COUPLING PILOT	CAP. G-328
4	317844	1			ADAPTER-REVERSE GEAR UPPER HOUSING - ANODIZE	
5	317845	1			GASKET-REV. GEAR UPPER HSG. ADAPTER TO SPKT HSG.	
6	100163	4			CAP SCREW-HEX. HD. - 1/2"-13 NC3 X 2 1/2" LONG	
7						
8	103028	7			NUT-HEX. - 1/2"-20 NF2	
9	5074	11			WASHER-STEEL - 17/32" ID X 1" OD X 1/16" THICK	
10	103323	11			WASHER-LOCK - 1/2" SAE STD.	
11	319795	1			HOUSING-REVERSE GEAR UPPER - ANODIZE	
12	319806	2			GASKET-REVERSE GEAR UPPER HSG. TO LOWER CASE	
13	317849	29"			GASKET-REVERSE GEAR UPPER HSG. TO ADAPTER	
14						
15	100163	10			CAP SCREW-HEX HD. - 1/2"-13 NC3 X 2 1/2" LONG	
16	5074	10			WASHER-STEEL - 17/32" ID X 1" OD X 1/16" THICK	
17	103323	10			WASHER-LOCK - 1/2" SAE STD.	
18	317846	1		*	COVER-REVERSE GEAR UPPER HOUSING - ANODIZE	CAP. PH-110
19	317847	1			GASKET-REVERSE GEAR UPPER HSG. COVER	
20	100134	14			CAP SCREW-HEX. HD. - 3/8"-16 NC3 X 1" LONG	
21						
22	4299	14			WASHER-STEEL - 25/64" ID X 3/4" OD X 1/16" THICK	
23	318061	2		*	BAR-BRAKE BAND SUPPORT	CAP. PH-252
24	117289	4			SCREW-FILLISTER HD. MACH. - 5/16"-18 NC3 X 1/2"	
25	321234	1		*	CAP SCREW-BRAKE BAND LOCATING	CAP. Y-258.
26	326777	1		*	LEVER-REVERSE GEAR HAND - LONG - OFFSET (STD) (TO 30 INCL.)	CAP. PHS-265
27	321235	1		*	LEVER-REVERSE GEAR HAND - LONG - STRAIGHT - (USE ON CONTRACT NOBS 61244)	
28	100029	1		*	CAP SCREW-HEX. HEAD - 3/8-24 NF3 X 1 3/4	CAP. 3M-266
29	103026	1		*	NUT-HEX. - 3/8"-24 NF2	CAP. 3M-267
30	103321	1		*	WASHER-LOCK - 3/8" SAE STD.	CAP. P-268
31	321739	1		*	LEVER-REVERSE GEAR HAND - SHORT (TO 34 INCL.)	CAP. P-264
32	100029	1		*	CAP SCREW-HEX. HD. - 3/8"-24 NF3 X 1 3/4"	CAP. 3M-266
33	103026	1		*	NUT-HEX. - 3/8"-24 NF2	CAP. 3M-267
34	103321	1		*	WASHER-LOCK - 3/8" SAE STD.	CAP. P-268
35						
36	302909	4			PACKING-REVERSE GEAR CROSS SHAFT	
37	317848	2			NUT-REVERSE GEAR CROSS SHAFT PACKING	
38	321233	1		*	STUD-BRAKE BAND BALANCE ADJUSTING	CAP. Y-255
39	321268	1		*	NUT-BRAKE BAND BALANCE ADJUSTING STUD	CAP. G-256.
40	327774	2			WASHER-STEEL - 25/64" ID X 3/4" OD X 1/16" (FOR BRAKE BAND ADJ. SCREW	
41	318028	1			PIPE ASSEM.-REV. GEAR THRUST BRG. OIL (TO 46 INCL)	
42						
43	160266	41 1/2			TUBING-COPPER - 5/16" OD	
44	160001	2			NUT-SAE FLARED TUBE COUPLING (SHORT) FOR 5/16 TUBING	
45	318026	1			CLAMP-PIPE - FOR 5/16" TUBING - (SHORT)	
46	318027	1			CLAMP-PIPE - FOR 5/16" TUBING - (LONG)	
47	118754	1			ELBOW-SAE FLARED TUBE COUPLING - 1/8" PIPE THRD. TO 5/16" TUBING	
48						
49	324236	1			ARROW-REDUCTION GEAR ROTATION	
50	160007	2			SCREW-PARKER HARDENED DRIVE	
51						
52				*	PARTS MARKED THUS (*) ARE FURNISHED BY CAPITOL	

DATE	CHANGE	DATE	CHANGE
7-6-51	TYPED (AFF)		
2-4-53	ADDED "ANODIZE" TO ITEMS 4, 11 & 18 - RELOCATED ITEM 27 TO ITEM 28 - ADDED ITEM 27 (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME: SPARK PLUG

GROUP - 332379

SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME
1	322233	24	PLUG-SHIELDED SPARK - CHAMPION #62-S CERAMIC (TO 2 INCL.)
2	1677	1	GASKET-SPARK PLUG
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9			NOTE: WHEN 318188 SHIELDED SPARK PLUG IS REQUESTED FOR SERVICE
10			SUBSTITUE THE FOLLOWING
11			
12	322583	1	ELBOW ASSEM.-SPARK PLUG & (TO 15 INCL.)
13	321872	1	ELBOW ASSEM.-SPARK PLUG TERMINAL - B-G.CORP. #E-530
14	322233	1	PLUG-SHIELDED SPARK - CHAMPION #62-S CERAMIC (TO 15 INCL.)
15	1677	1	GASKET-SPARK PLUG
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DATE	CHANGE	DATE	CHANGE
9-7-49	RETYPED-SUPS-8-21-42- (NS)		
	NO-CHANGE- WAS TYPED ON METAL PLATE		

DIVISION OF A. C. F. - BRILL MOTORS COMPANY

HALL-SCOTT MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.

Mod 2268-6-2286-2

PARTS LIST

SHEET 1 OF 2 SHEETS, COMPRISING PARTS LIST NUMBER 332533

NAME OF GROUP WATER PUMP — SALT WATER PUMP

ITEM	PART NO.	NO. REQ'D	NAME
1	324230	1	PUMP ASSEMBLY-WATER - R.H. BANK (TO 27 INCL., SHEET 2)
2	324231	1	PUMP ASSEMBLY-WATER - L.H. BANK (TO 27 INCL., SHEET 2)
3	324202	1	BODY-WATER PUMP - R.H. BANK
4	324203	1	BODY-WATER PUMP - L.H. BANK
5	324207	1	COVER ASSEM.-WATER PUMP - FRONT - R.H. BANK (TO 10 INCL.)
6	324206	1	COVER ASSEM.-WATER PUMP - FRONT - L.H. BANK (TO 10 INCL.)
7	324205	1	COVER-WATER PUMP - FRONT - R.H. BANK (NSS)
8	324204	1	COVER-WATER PUMP - FRONT - L.H. BANK (NSS)
9	6345	1	PLUG -WATER PUMP COVER GREASE HOLE
10	318607	2	BUSHING-WATER PUMP COVER
11	324209	1	COVER ASSEM.-WATER PUMP - REAR (TO 14 INCL.)
12	324208	1	COVER-WATER PUMP - REAR (NSS) (TO 13 INCL.)
13	6345	1	PLUG -WATER PUMP COVER GREASE HOLE
14	318607	2	BUSHING-WATER PUMP COVER
15	324210	2	GASKET-WATER PUMP COVER
16	160766	6	CAP SCREW-HEX. HEAD- 5/16-24-NF3 x 3 7/8" LONG
17	103025	6	NUT-HEX.- 5/16-24-NF3
18	103320	6	WASHER-LOCK- 5/16" SAE STD.
19	4300	6	WASHER-STEEL- 21/64"ID- 5/8"OD- .050" THICK
20	324227	1	SHAFT ASSEM.-WATER PUMP DRIVE (TO 23 INCL.)
21	324226	1	SHAFT-WATER PUMP DRIVE
22	324223	1	GEAR-WATER PUMP PILOT DRIVE
23	324804	1	KEY-WATER PUMP PILOT DRIVE GEAR
24	324228	1	SHAFT-WATER PUMP DRIVEN
25	324211	2	GEAR-WATER PUMP
26	324294	2	KEY-WATER PUMP GEAR
27	314212	3	GLAND-WATER PUMP PACKING
28	5608	15	PACKING-WATER PUMP SHAFT
29	314210	1	NUT-WATER PUMP PACKING - R.H. THD. - R.H. BANK
30	314210	2	NUT-WATER PUMP PACKING - R.H. THD. - L.H. BANK
31	314211	2	NUT-WATER PUMP PACKING - L.H. THD. - R.H. BANK
32	314211	1	NUT-WATER PUMP PACKING - L.H. THD. - L.H. BANK
33	324214	1	BRACKET-ASSEM.-WATER PUMP PILOT GEAR-R.H. BANK (TO 37 INCL.
34	324215	1	BRACKET ASSEM.-WATER PUMP PILOT GEAR-L.H. BANK (TO 37 INCL.
35	324212	1	BRACKET-WATER PUMP PILOT GEAR - R.H. BANK (NSS)
36	324213	1	BRACKET-WATER PUMP PILOT GEAR - L.H. BANK (NSS)
37	323885	1	RETAINER-OIL- 3/4"ID- 1 1/4"OD- 5/16" WIDE
(A) 38	324216	1	BODY-WATER PUMP PILOT GEAR (TO 39 INCL.)
39	118831	1	PIPE PLUG-SLOTTED HEADLESS- 1/8" - BRASS
40	160920	1	BEARING-BALL- SINGLE ROW - RADIAL #202
41	160208	1	BEARING-BALL- SINGLE ROW - RADIAL #205
42	324218	1	GASKET-WATER PUMP PILOT GEAR BODY
43	100013	6	CAP SCREW-HEX. HEAD- 5/16-24-NF3 x 3/4" LONG
44	103320	6	WASHER-LOCK- 5/16" SAE STD.
45	324220	1	COVER ASSEM.-WATER PUMP PILOT GEAR - UPPER (TO 47 INCL.)
46	324219	1	COVER-WATER PUMP PILOT GEAR - UPPER (NSS)
47	323885	1	RETAINER-OIL- 3/4"ID- 1 1/4"OD- 5/16" WIDE
48	324241	1	GASKET-WATER PUMP PILOT GEAR COVER - UPPER
49			
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53			

DATE	CHANGE	DATE	CHANGE
8-24-44	RETYPED- SUPS. 11-14-42 MF		
	(A) REMOVED 1-324217 PILOT GEAR BODY.		
	ITEM 38 WAS 1.		
10-11-50 (D)	ITEM 38 WAS 2 REQ'D.		

DIV. OF AMERICAN CAR AND FOUNDRY MOTORS CO.

HALL-SCOTT MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.

SALT WATER PUMP FOR HEAT EXCHANGER

FORM SIG 2268, 2269, 2284, 2287

PARTS LIST

GROUP NAME: WATER PUMP (SALT WATER PUMP)

GROUP - 332533
SHEET - 2 OF 2

ITEM	PART NO.	NO. REQ.			NAME
1	324222	1			COVER ASSEM.-WATER PUMP PILOT GEAR - LOWER (TO 3 INCL.)
2	324221	1			COVER-WATER PUMP PILOT GEAR - LOWER
3	323885	1			RETAINER-OIL- 3/4" ID X 1 1/4" OD X 5/16" WIDE
4	324242	1			GASKET-WATER PUMP PILOT GEAR COVER - LOWER
5	100013	4			CAP SCREW- HEX. HD. 5/16"-24 NF3 X 3/4" LONG
6	103320	4			WASHER-LOCK- 5/16" SAE STD.
7	307519	1			NUT-BALL BEARING LOCK - N-5
8	307520	1			WASHER-BALL BEARING LOCKNUT - W-5
9	324224	1			GEAR-WATER PUMP PILOT DRIVEN
10	324195	1			HUB-WATER PUMP PILOT DRIVEN GEAR
11	103905	1			KEY-WOODRUFF - 1/8" X 5/8"
12	102647	1			NUT-HEX. SLOTTED - 1/2"-20 NF2
13	106265	1			WASHER-STEEL- 1/2" X 1 3/8" X 7/64" THICK
14	103374	1			PIN-COTTER - 3/32" X 1" LONG - STEEL
15	312213	1			CAP-WATER PUMP PILOT GEAR
16	9236	1			GASKET-WATER PUMP PILOT GEAR CAP
17	160068	1			CUP-GREASE - 3/8" PIPE THD. BRONZE - LUNKENHEIMER TIGER #2
18	112578	1			PLUG-PIPE- SQ. HD. 1/4" - BRASS
19	113180	1			PLUG-PIPE- SQ. HD. 1 1/2" - BRASS
20	118831	1			PLUG-PIPE- SLOTTED, HDLESS- 1/8" BRASS
21	120145	1			ELBOW-STREET - 3/8" PIPE THD. X 90° - BRASS
22	326357	1			SPRING-WATER PUMP NUT LOCK
23	4300	2			WASHER-STEEL- 21/64" ID X 5/8" OD X .050" THICK
24	326161	2			CLAMP-WATER PUMP NUT RUBBER
25	300598	1			CAP SCREW- HEX. HD. 5/16"-24 NF2 X 2 3/4" LONG - CAD. PL.
26	160974	1			NUT-WING - 5/16"-24 NF2 - BRASS
27	120393	2			WASHER-STEEL- 11/32" ID X 11/16" OD X 1/16" THICK
28					
29					PARTS OF FINAL ASSEMBLY
30	103026	8			NUT-HEX.- 3/8"-24 NF2
31	100026	8			CAP SCREW- HEX. HD. 3/8"-24 NF3 X 1" LONG
32	103321	16			WASHER-LOCK- 3/8" SAE STD.
33	324225	2			SHAFT-WATER PUMP ACCESSORY DRIVE
34	317976	4			COUPLING ASSEM.-FLEXIBLE - MORFLEX COUPLING #402
35	106751	8			KEY-WOODRUFF - 3/16" X 3/4" LONG
36	103047	2			NUT-HEX.- CAST - 1/2"-20 NF2, (FOR DIST. DRIVE SHAFT)
37	5074	2			WASHER-STEEL-17/32" ID X 1" OD X 1/16" THICK
38	103374	2			PIN-COTTER- 3/32" X 1" LONG - STEEL
39	324233	2			ELBOW-WATER OUTLET
40	324302	2			ELBOW-COPPER- NIBCO #607-2-2 2" - REWORKED
41	8561	4			HOSE-CONNECTING - 2" ID X 2 1/2" OD X 3" LONG
42	160031	8			CLAMP-HOSE- SHERMAN 2-3-4-W 2 9/16" ID OPEN
43		AS REQ.			LUBRICANT-GEAR - VISCOSITY #90
44					
45	324232	2			ELBOW-HOSE FITTING - 1¼" PIPE THREAD (OPT. FOR USE ON NOBS-61244)
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DATE	CHANGE	DATE	CHANGE
7-26-50	RETYPED. 7-26-50 NO CHANGE (VS)		
9-8-50	ITEM 31 WAS 16 REQ'D. ADDED IT. 30		
	ADDED NOTE AFTER ITEM 36 (DESCRIPTION)		
2-19-53	ADDED ITEM 45 (AFF)		

HALL-SCOTT
MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.
DIVISION OF
A. C. F. - BRILL MOTORS COMPANY

MOD. 226E 9-2186-7 (SALT WATER PUMP) (FOR HEAT EXCHANGER)

PARTS LIST

GROUP NAME FLYWHEEL HOUSING **GROUP** - 332536 **SHEET** - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME
1	324308	1	HOUSING ASSEM.-FLYWHEEL UPPER - (TO 7 INCL.)
2	320945	1	HOUSING-FLYWHEEL - UPPER (NSS)
3	8858	6	STUD-STARTER MOUNTING - 5/16" X 1 1/4"
4	306615	2	STUD-STARTER & MULT. SHIELD MTG. - 5/16" X 1 1/2"
5	317968	4	STUD-TIMING INDICATOR INSPECTION PLATE - 1/4" X 1"
6	6215	4	STUD-WATER PUMP MOUNTING
7	319159	1	BUSHING-BENDIX DRIVE HOUSING
8	317812	1	GASKET-FLYWHEEL UPPER HOUSING
9	100161	7	CAP SCREW. HEX. HD. 1/2"-13 X 1 3/4" (TO LOWER CASE)
10	100162	1	CAP SCREW. HEX. HD. 1/2"-13 X 2"
11	5074	8	WASHER-STEEL. 17/32" ID X 1" OD X 1/16" THICK
12	106500	8	WASHER-LOCK. 1/2" SAE SPEC. LIGHT
13	100027	4	CAP SCREW. HEX. HD. 3/8"-24 X 1 1/4" (TO UPPER CASE)
14	4299	4	WASHER-STEEL. 25/64" ID X 3/4" OD X 1/16" THICK
15	110730	4	WASHER-LOCK. 3/8" SAE SPEC. LIGHT
16	100134	3	CAP SCREW. HEX. HD. 3/8"-16 X 1"
17	100135	2	CAP SCREW. HEX. HD. 3/8"-16 X 1 1/4"
18	110730	5	WASHER-LOCK. 3/8" SAE SPEC. LIGHT
19	308547	1	PLATE-TIMING INDICATOR INSPECTION
20	308548	1	GASKET-TIMING INDICATOR INSPECTION PLATE
21	103024	4	NUT-HEX.- 1/4"-28
22	113114	4	WASHER-LOCK. 1/4" SAE SPEC. LIGHT
23	1357	4	WASHER-STEEL. 17/64" ID X 1/2" OD X 1/16" THICK.
24	117922	1	PLUG-EXPANSION - 1 5/16 OD X .083 THICK STEEL
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HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY
(FOR MANY SIDE TO MANUAL)
(FOR WATER PUMP)

MOD. 2-26-48. GP. 22 Sec. 7

DATE	CHANGE	DATE	CHANGE
3-26-46	RETYPED. 9-7-50 - NO CHANGE (VS)		
4-9-53	ADDED ITEM 24 (WITTER) (JEF)		

PARTS LIST

GROUP NAME — CYLINDER HEAD — COATED EXHAUST VALVE HEAD

ITEM	PART NO.	NO. REQ.			NAME
1	324928	1			HEAD ASSEMBLY-COMPLETE CYL. - R.H. BANK-2287-FOR SERVICE ATTACH IDENT.TAG 326316)
2	324929	1			HEAD ASSEMBLY-COMPLETE CYL. - R.H. BANK-2286-FOR SERVICE ATTACH TAG 326317)
3	324926	1			HEAD ASSEM.-STUDS,GUIDES,VALVES R.A.COVER BASE & CYL.(TO 34 INC
4	324924	1			HEAD ASSEM.-STUDS,VALVE GUIDES & CYL. (TO 21 INCL.)
5	324922	1			HEAD ASSEM.-PLUG,VALVE GUIDES & CYL. (TO 16 INCL.)
6	324920	1			HEAD ASSEM.-VALVE GUIDES & CYL. (TO 11 INCL.)
7	318852	1			HEAD-CYLINDER (NSS) (TO 8 INCL.)
8	106642	3	X		PLUG-PIPE- SQ. HD. 1 1/4" C.I. MILLED FLUSH
9	307665	6			GUIDE-VALVE STEM - INLET
10	307666	6			GUIDE-VALVE STEM - EXHAUST
11	324910	6			RING-VALVE SEAT
12	315099	21			BUSHING-CYL. HEAD WATER INLET MANIFOLD
13	308266	1			PLUG ASSEMBLY-CYLINDER HEAD WATER (TO 15 INCL.)
14	308265	1			PLUG-CYLINDER HEAD WATER (NSS)
15	304641	1			STUD-CYLINDER HEAD WATER PLUG
16	311540	1			SHELL-CAMSHAFT BEARING
17	303042	14			STUD-CAMSHAFT BEARING BRACKET - 1/2" X 5"
18	311190	24			STUD-INTAKE MANIFOLD - 7/16" X 1 3/4" LONG
19	405267	24			STUD-EXHAUST MANIFOLD- 7/16" X 1 5/8" LONG
20	317898	2			STUD-ENGINE LIFTING EYE - 1/2" X 3 1/4" LONG
21	317832	1			PIPE-CHAIN & ROCKERARM SHOE OIL - R.H.
22	324291	6			VALVE-INTAKE
23	407979	6			VALVE-EXHAUST - COATED HEAD
24	324311	12			SPRING-VALVE - INNER
25	324312	12			SPRING-VALVE - OUTER
26	5326	12			COLLAR-VALVE SPRING UPPER
27	302813	24			KEY-VALVE SPRING COLLAR
28	324808	1			BASE ASSEM.-ROCKERARM COVER (TO 31 INCL.)
29	317754	1			BASE-ROCKERARM COVER (NSS) ANODIZE
30	2066	12			STUD-ROCKERARM COVER - 3/8" X 1 9/16" LONG
31	102635	12			NUT-HEX.- 3/8"-16 NF2
32	317755	1			GASKET-ROCKERARM COVER BASE
33	100026	26			CAP SCREW- HEX. HD. 3/8"-24 NF3 X 1" LONG
34	4299	26			WASHER-STEEL- 25/64" ID X 3/4" OD X 1/16" THICK
35	321418	1			CAMSHAFT ASSEM.-FUEL PUMP DRIVING DOG & - R.H.(TO 40 INCL.)
36	321419	1			CAMSHAFT ASSEM.-FUEL PUMP DRIVING DOG & - R.H.(TO 40 INCL.)
37	321416	1			CAMSHAFT-ENGINE (NSS) R.H.BANK (2268,2287,3368,3387)
38	321417	1			CAMSHAFT-ENGINE (NSS) R.H.BANK (2269,2286,3369,3386)
39	308406	1			DOG-FUEL PUMP DRIVING
40	325742	1		#	INSTRUCTION TAG- CAMSHAFT SERVICE (REQ. FOR SERVICE ONLY)
41	306446	1			SPROCKET-CAMSHAFT DRIVE
42	309515	1			SCREW-CAMSHAFT SPROCKET
43	103326	1			WASHER-LOCK - 3/4" SAE STD.
44	320852	12			ROCKERARM ASSEM.-COMPLETE (TO 49 INCL.)
45	320851	1			ROCKERARM ASSEM.-BUSHING & (TO 47 INCL.)
46	320850	1			ROCKERARM (NSS)
47	303035	1			BUSHING-ROCKERARM
48	307653	1			SCREW-ROCKERARM TAPPET
49	8929	1			NUT-ROCKERARM TAPPET SCREW LOCK
50	144025	3		X	PLUG-PIPE- 1 1/4" CTRSK. HDLESS-BRASS (ALT. FOR ITEM 8)
51				#	SERVICE NOTE: WHEN SHIPPING CAMSHAFT ASSEM. OUT FOR SERVICE
52					ATTACH 325742 INSTRUCTION TAG TO SHAFT.

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY
(STOCKTON PLANT NOW SERVING)
(PISTONS, T CRAFTSMEN)

MOD. V-12 - SERIES.

DATE	CHANGE	DATE	CHANGE
10-11-50	RETYPED. SUPS- 8-2-49 (VS)		
	ITEM-18 WAS 48 REQ. ADDED ITEM 19		
12-15-50	ITEM 22 WAS 324921		
1-30-53	ITEM 23 WAS 317591 - ADDED "ANODIZE" TO ITEM 29 (317754) (AFF)		

PARTS LIST

GROUP NAME: CYLINDER HEAD — COATED EXHAUST VALVE HEAD

GROUP - 332619

SHEET - 2 OF 4

ITEM	PART NO.	NO. REQ'D		NAME
1	317625	2		BRACKET-CAMSHAFT BEARING - REAR & CENTER
2	317826	4		BRACKET-CAMSHAFT BEARING - INTERMEDIATE
3	317827	1		BRACKET-CAMSHAFT BEARING - FRONT
4	307593	2		SHAFT ASSEM.-ROCKERARM - FRONT & REAR (TO 6 INCL.)
5	307592	1		SHAFT-ROCKERARM - FRONT & REAR
6	329768	1		PLUG-ROCKERARM SHAFT
7	317828	1		SHAFT-ROCKERARM - CENTER
8	317829	6		SPRING-ROCKERARM SPACING
9	318826	2		CAP-ROCKERARM SHAFT BEARING - FRONT & REAR } ANODIZE
10	318376	1		CAP-ROCKERARM SHAFT BEARING - CENTER } ANODIZE
11	318377	4		CAP-ROCKERARM SHAFT BEARING - INTERMEDIATE } ANODIZE
12	305683	14		NUT-HEX. 1/2"-20 NF2 - HARDENED
13	5074	14		WASHER-STEEL - 17/32" ID X 1" OD X 1/16" THICK
14	106300	14		WASHER-LOCK - 1/2" SAE SPEC. LIGHT
15				
16				
17	324930	1		HEAD ASSEM.-COMP. CYL. L.H. BANK 226B - FOR SERVICE ATTACH IDENT. TAG #326316)
18	324931	1		HEAD ASSEM.-COMP. CYL. L.H. BANK 226B FOR SERVICE ATTACH IDENT. TAG #326316)
19	324927	1		HEAD ASSEM.-STUDS, VALVE GUIDES, R.A. COVER BASE & CYL. (TO 50 INCL.
20	324925	1		HEAD ASSEM.-STUDS, VALVE GUIDES & CYLINDER (TO 37 INCL.)
21	324923	1		HEAD ASSEM.-PLUG, VALVE GUIDES & CYLINDER (TO 32 INCL.)
22	324921	1		HEAD ASSEM.-VALVE GUIDES & CYLINDER (TO 27 INCL.)
23	318853	1		HEAD-CYLINDER (N6S) (TO 24 INCL.)
24	106642	3	X	PLUG-PIPE - SQ. HD. 1 1/4" C.I. MILLED FLUSH
25	307663	6		GUIDE-VALVE STEM - INLET
26	307666	6		GUIDE-VALVE STEM - EXHAUST
27	324910	6		RING-VALVE SEAT
28	318099	21		BUSHING-CYLINDER HEAD WATER INLET MANIFOLD
29	308256	1		PLUG ASSEM.-CYL. HEAD WATER (TO 31 INCL.)
30	308265	1		PLUG-CYLINDER HEAD WATER (N6S)
31	304643	1		STUD-CYLINDER HEAD WATER PLUG
32	311480	1		SHELL-CAMSHAFT BEARING
33	307642	14		STUD-CAMSHAFT BEARING BRACKET - 1/2" X 5" LONG
34	305267	24		STUD-EXHAUST MANIFOLD 7/16" X [illegible]
35	311190	24		STUD-INTAKE MANIFOLD 7/16" X [illegible]
36	[illegible]	2		STUD-ENGINE LIFTING EYE - 1/2" X [illegible]
37	[illegible]	1		PIPE-CHAIN & ROCKERARM SHOE OIL - L.H.
38	[illegible]	6		VALVE-INTAKE
39	[illegible]	6		VALVE-EXHAUST - COATED HEAD
40	[illegible]	12		SPRING-VALVE - INNER
41	[illegible]	12		SPRING-VALVE - OUTER
42	[illegible]	12		COLLAR-VALVE SPRING UPPER
43	[illegible]	24		KEY-VALVE SPRING COLLAR
[illegible]	[illegible]	[illegible]		BASE ASSEM.-ROCKERARM COVER (TO 47 INCL.)
[illegible]	[illegible]	[illegible]		BASE-ROCKERARM COVER (N6S) - ANODIZE
[illegible]	[illegible]	12		STUD-ROCKERARM COVER - 5/8" X 1 9/16" LONG
[illegible]	[illegible]	12		NUT-HEX. - 5/8"-18 NF2
[illegible]	[illegible]	1		GASKET-ROCKERARM COVER BASE
[illegible]	[illegible]	26		CAP SCREW-HEX. HD. 5/16-24 NF3 X 1" LONG
[illegible]	[illegible]	26		WASHER-STEEL - 25/64" ID X 3/4" OD X 1/16" THICK
[illegible]	[illegible]	3	X	PLUG-PIPE - 1 1/4" CTSNK HOLLOW BRASS - (ALT FOR ITEM 24)

CHANGE	DATE	CHANGE
[illegible] STUDS- 8-2-49 (YS)		
[illegible] WAS 4B ITEM ADDED AT 34		
[illegible] ANODIZE TO ITEMS 9, 10, 11 & 45 [illegible] ITEM 39 WAS 317831 (BPF)		

HALLADAY MOTOR DIVISION
ALLIS-CHALMERS MFG. COMPANY

PARTS LIST

SHEET 3 OF 4 SHEETS, COMPRISING PARTS LIST NUMBER 332619

NAME OF GROUP CYLINDER HEAD — COATED EXHAUST VALVE

ITEM	PART NO.	NO. REQ'D	NAME
1	321419	1	CAMSHAFT ASSEM.-FUEL PUMP DRIVING DOG & - L.H. (2268, 2287, 3368, 3387) (To 6 INCL.)
2	321418	1	CAMSHAFT ASSEM.-FUEL PUMP DRIVING DOG & - L.H. (2269, 2286, 3369, 3386) (To 6 INCL.)
3	321417	1	CAMSHAFT-ENGINE (NSS) - L.H. (2268, 2287, 3368, 3387)
4	321416	1	CAMSHAFT-ENGINE (NSS) - L.H. (2269, 2286, 3369, 3386)
5	308406	1	DOG-FUEL PUMP DRIVING
6	325742	1	* INSTRUCTION TAG-CAMSHAFT SERVICE (REQ. FOR SERVICE ONLY)
7	306446	1	SPROCKET-CAMSHAFT DRIVE
8	309515	1	SCREW-CAMSHAFT SPROCKET
9	103326	1	WASHER-LOCK - 3/4" SAE STD.
10	320852	12	ROCKERARM ASSEMBLY-COMPLETE (To 15 INCL.)
11	320851	1	ROCKERARM ASSEMBLY-BUSHING & (To 13 INCL.)
12	320850	1	ROCKERARM (NSS)
13	303035	1	BUSHING-ROCKERARM
14	307653	1	SCREW-ROCKERARM TAPPET
15	8929	1	NUT-ROCKERARM TAPPET SCREW LOCK
16	317825	2	BRACKET-CAMSHAFT BEARING - REAR & CENTER
17	317826	4	BRACKET-CAMSHAFT BEARING - INTERMEDIATE
18	317827	1	BRACKET-CAMSHAFT BEARING - FRONT
19	307593	2	SHAFT ASSEMBLY-ROCKERARM - FRONT & REAR (To 21 INCL.)
20	307592	1	SHAFT-ROCKERARM - FRONT & REAR (NSS)
B 21	329768	1	PLUG-ROCKERARM
22	317828	1	SHAFT-ROCKERARM - CENTER
23	317829	6	SPRING-ROCKERARM SPACING
24	318626	2	CAP-ROCKERARM SHAFT BEARING - FRONT & REAR } ANODIZE
25	318376	1	CAP-ROCKERARM SHAFT BEARING - CENTER } ANODIZE
26	318377	4	CAP-ROCKERARM SHAFT BEARING - INTERMEDIATE } ANODIZE
27	305683	14	NUT-HEX. - 1/2-20-NF2 - HARDENED
28	5074	14	WASHER-STEEL - 17/32" ID- 1" OD- 1/16" THICK
29	106500	14	WASHER-LOCK - 1/2" SAE SPEC. LIGHT
30–53			

* SERVICE NOTE:
WHEN SHIPPING CAMSHAFT ASSEMS. OUT FOR SERVICE, ATTACH #325742 INSTRUCTION TAG TO SHAFT.

DATE	CHANGE	DATE	CHANGE
2-9-44	RETYPED BRW SUPS. 5-10-43		
	NO CHANGE.		
9-26-44	(B) ITEM 21 WAS 301025		
1-30-53	ADDED "ANODIZE" TO ITEMS 24, 25 & 26 (AFF)		

HALL-SCOTT MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.
DIV. OF AMERICAN CAR AND FOUNDRY MOTORS CO.

"STODDITE" FACED VALVE SEAT RING #321416-7 CAMSHAFTS
FORM 318 Y-12

PARTS LIST

GROUP NAME: CYLINDER HEAD
COATED VALVE HEAD

GROUP - 332619
SHEET - 4 OF 4

ITEM	PART NO.	NO. REQ.	NAME
1			PARTS OF FINAL ASSEMBLY
2	321856	2	GASKET-CYLINDER HEAD
3	305631	28	NUT-HEX.- 3/4"-16 NF2 - HARDENED
4	308126	28	WASHER-STEEL- 49/64" ID X 1 3/8" OD X 1/8" THICK
5	305683	4	NUT-HEX.- 1/2"-20 NF2 - HARDENED
6	5074	4	WASHER-STEEL- 17/32" ID X 1" OD X 1/16" THICK
7	317752	2	COVER-ROCKERARM
8	317753	2	GASKET-ROCKERARM COVER
9	131502	24	NUT-ACORN - 3/8"-24 NF2 - CAD. PLATED - LOW CROWN
10	106630	4	CAP SCREW- HEX.- HD.- 3/8"-24 NF3 X 2 3/4" LONG
11	4299	28	WASHER-STEEL- 25/64" ID X 3/4" OD X 1/16" THICK
12	317889	2	EYE-ENGINE LIFTING (2286.87/3386.87)(2268.9 USE WITHOUT MULT. SHIELD)
13	326622	2	EYE-MULTIPLE SHIELD SUPPORT & ENG. LIFTING (2268.9 3368.9
14	103028	4	NUT-HEX.- 1/2"-20 NF2
15	106500	4	WASHER-LOCK- 1/2" SAE SPEC. LIGHT
16	103868	2	PLUG-PIPE- SQ. HD.- 1/2" - CAST IRON
17	328210	1	PLATE-ENG. RPM & GASOLINE INSTRUCTION - 6.5:1 RATIO PISTON
18	328211	1	PLATE-ENG. RPM & GASOLINE INSTRUCTION - 7:1 RATIO PISTON
19	160827	4	RIVET-ROUND HD.- 1/8" X 3/8" LONG - ALUMINUM
20			
21			
22			
23			THE FOLLOWING ITEMS #26 TO 32 INCL. ARE FOR MODELS
24			2268, 2269 2286, 2287, 2288, 2289
25			
26	318013	2	PIPE ASSEM.-CYL. HEAD OIL DRAIN (TO 30 INCL.)
27	160575	15½"	TUBING-COPPER - 5/8" OD
28	160486	1	NUT-TUBE CPLG. PARKER #10-B
29	160515	1	SLEEVE-TRIPLE TUBE CPLG.- PARKER #10-T
30	160514	1	NUT-TRIPLE TUBE CPLG. - PARKER #10-BT
31	160517	2	ELBOW-TRIPLE TUBE CPLG.- PARKER #10-CT
32	160512	2	ELBOW-TUBE COUPLING MALE-PARKER #10-CC
33			
34			THE FOLLOWING ITEMS #37 TO 47 INCL. ARE FOR MODELS
35			3368, 3369, 3386, 3387
36			
37	321861	2	PIPE ASSEM.-CYL. HEAD OIL DRAIN (TO 41 INCL.)
38	160575	4 7/16"	TUBING-COPPER- 5/8" OD
39	160486	1	NUT-TUBE COUPLING PARKER #10-B
40	160515	1	SLEEVE-TRIPLE TUBE CPLG.- PARKER #10-T
41	160514	1	NUT-TRIPLE TUBE CPLG.- PARKER #10-BT
42	321862	2	PIPE ASSEM.-CYL. HEAD OIL DRAIN - LOWER (TO 44 INCL.)
43	160575	10¼"	TUBING-COPPER- 5/8" OD
44	160486	2	NUT-TUBE COUPLING PARKER #10-B
45	160517	2	ELBOW-TRIPLE TUBE CPLG.- PARKER #10-CT
46	160512	2	ELBOW-TRIPLE COUPLING MALE-PARKER #10-CC
47	160871	2	TEE-TUBE COUPLING PARKER #10-J
48			
49			
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DATE	CHANGE	DATE	CHANGE
6-14-49	RETYPED - SUPS - 2-9-44 (V3)		
	REMOVED - 2 - 337459 ASSEM. - 2 - 10 BUSH.		
	4 - SPOOLS & 4 - 10 3110		
1-30-53	ADDED "2268,9 - 86 WITHOUT MULT. SHIELD" TO ITEM 12 (317889)		

HALL-SCOTT
MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.
("Standard" Auto Valve Stop Ring & Bushing 7 Combination)

DIVISION OF
A. C. F. - BRILL MOTORS COMPANY

V-73-

PARTS LIST

GROUP NAME: OIL GAGE & SCAVENGING PUMP

GROUP - 332879
SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.			NAME
1	327324	1			PUMP ASSEM.-OIL GAGE & SCAVENGING (TO 14 INCL.)
2	327320	1			GAUGE ASSEM.-SCAVENGING PUMP BARREL & (TO 4 INCL.)
3	308371	1			HANDLE-SCAVENGING PUMP OUTLET & OIL GAGE (NSS)
4	327319	1			GAGE-SCAVENGING PUMP BARREL & OIL
5	327323	1			PLUNGER ASSEM.-SCAVENGING (TO 9 INCL.)
6	308378	1			PLUNGER-SCAVENGING PUMP (NSS)
7	104922	1			BALL-STEEL- 1/2" DIA.
8	327322	1			ROD-SCAVENGING PUMP PLUNGER (NSS)
9	141058	1			PIN-STEEL- 1/16" DIA. X 3/4" LONG
10	308377	1			GRIP-SCAVENGING PUMP PLUNGER ROD
11	103025	1			NUT-HEX.- 5/16"-24 NF2
12	308360	1			VALVE-SCAVENGING PUMP OIL INLET
13	104922	1			BALL-STEEL- 1/2" DIA.
14	112012	1			PIN-STEEL- 1/8" DIA. X 1" LONG
15					
16	327149	1		X	PLATE-OIL LEVEL OIL GAGE
17					
18					
19					
20					
21					
22					
23					
24					
25					
26				X	NOTE: PARTS MARKED THUS (X) ARE SHIPPED WITH THE ENGINE
27					
28					
29					
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DATE	CHANGE	DATE	CHANGE
9-7-44	RETYPED-SUPS-9-30-43- (VS)		
	WAS TYPED ON METAL PLATE		

DIVISION OF A. C. F. BRILL MOTORS COMPANY

HALE-SCOTT MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.

MODEL V-12

PARTS LIST

GROUP MODEL
NAME 2268, 2269

LOWER CRANKCASE

GROUP -332880
SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.		NAME (NSS) NOT SOLD SEPARATELY
1	327231	1		CRANKCASE ASSEM.-COMPLETE LOWER - STD. LESS POWER TAKEOFF
2	327232	1	X	CRANKCASE ASSEM.-COMPLETE LOWER - OPT. FOR POWER TAKEOFF
3	408139	1	XX	CRANKCASE ASSEM.-COMPLETE LOWER - OPT. FOR HEATER COIL LESS PT
4	327230	1		CRANKCASE-LOWER (NSS)
5	6215	4		STUD-HAND STARTING LEVER THROWOUT CAM (STD. LESS P.T.O.)
6				
7	308764	4	X	STUD-POWER TAKEOFF ADAPTER HOUSING (OPT. FOR P.T.O.)
8	6215	8		STUD-LOWER CRANKCASE HAND HOLE PLATE
9	308209	20		STUD-UPPER CRANKCASE ATTACHING - 1/2" X 2 13/16"
10	317714	2		STUD-SPROCKET HOUSING ATTACHING - 1/2" X 2 1/2" LONG
11	102637	22		NUT-HEX. - 1/2"13 NC2
12				
13	308927	2		DOWEL-UPPER CRANKCASE LOCATING - 1/2 & 3/4" DIA.
14	325874	2		NIPPLE-GALVANIZED IRON - 1 1/4" PIPE THREAD X 3 3/4" LONG
15	327317	1		PLATE-LOWER CRANKCASE HAND HOLE (OPTIONAL)
16	327318	1		GASKET-LOWER CRANKCASE HAND HOLE PLATE
17	103026	8		NUT-HEX. - 3/8"-24 NF2
18				
19	103321	8		WASHER-LOCK - 3/8" SAE STANDARD
20	4290	8		WASHER-STEEL - 25/64" ID X 3/4" OD X 1/16" THICK
21	103896	2		PLUG-EXPANSION - 1 1/2" OD X .083" THICK - STEEL
22	103868	2		PLUG-PIPE - SQUARE HEAD - 1/2" - CAST IRON
23	112578	4		PLUG-PIPE - SQUARE HEAD - 1/4 - BRASS
24				
25	407741	1	XX	COIL ASSEMBLY-OIL SUMP HEATER COIL TO
26	407742	1		FLANGE-OIL SUMP HEATER COIL - BRASS } OPTIONAL WHEN
27	407868	1		PIPE-OIL SUMP HEATER COIL - COPPER } HEATER COIL REQ'D
28	407869	2		LEG-OIL SUMP HEATER COIL - STEEL
29				
30				
31				PARTS OF FINAL ASSEMBLY
32	317838	2		GASKET-LOWER CRANKCASE TO UPPER CRANKCASE
33	103028	20		NUT-HEX. - 1/2-20 NF2
34	103023	20		WASHER-LOCK - 1/2" SAE STANDARD
35	[illegible]	2	XX	PLUG-PIPE - SQUARE HEAD - 3/4" CAST IRON
36				
37				
38				
39				
40				
41				
42				
43			X	NOTE: THESE OPTIONS FOR ASSEMBLY TO USE POWER TAKEOFF
44			XX	NOTE: THESE OPTIONS FOR ASSEMBLY TO USE HEATER COIL AND NO POWER TAKEOFF
45				
46				
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DATE	CHANGE	DATE	CHANGE
3-26-53	ESTIMATED - JUPS 9-7-50 - ADDED ITEMS 3, 26, 26, 27, 28, 35, 43 & 44 (STAFF)		

ELLSCOT DIGITAL DIVISION
BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME: PISTON & CONNECTING ROD — 7:1 RATIO

GROUP - 333618

SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME
1	404097	6	ROD ASSEM. PISTON & CONN. FORKED END (TO 19 INCL.)
2	323649	1	ROD ASSEM.-CONN. ROD SHELL - FORKED END (TO 11 INCL.)
3	320912	1	ROD ASSEM.-CONNECTING - FORKED END (TO 9 INCL.)
4	317705	1	ROD-CONNECTING (NSS) - FORKED END
5	317707	2	CAP-CONNECTING (NSS)
6	303249	1	BUSHING-PISTON PIN
7	317712	2	DOWEL-CONN. ROD BEARING SHELL
8	317709	4	BOLT-CONN. ROD - 3/8" DIA.
9	317711	4	NUT-CONNECTING ROD BOLT
10	323630	1	SHELL-CONN. ROD BRG.- ROD HALF - SHAFT SIZE
11	323637	1	SHELL-CONN. ROD BRG.- CAP HALF - SHAFT SIZE
12	404091	1	PISTON ASSEM.-RING & (TO 17 INCL.)
13	404084	1	PISTON-CROWN TOP
14	318891	2	RING-PISTON - 1/8" PLAIN COMP. #1 & #2
15	318903	1	RING-PISTON - 1/8" BEV. OIL SCRAPER #3
16	318921	1	RING-PISTON - 1/4" BEV. OIL CONTROL #4
17	318891	1	RING-PISTON - 1/8 PLAIN COMP.- #5
18	303068	2	RETAINER-PISTON PIN
19	404020	1	PIN-PISTON
20			
21			
22	404098	6	ROD ASSEM.-PISTON & CONN. PLAIN END (TO 40 INCL.)
23	323647	1	ROD ASSEM.-CONN. ROD SHELL- PLAIN END (TO 32 INCL.)
24	323646	1	ROD ASSEM.-CONN. - PLAIN END (TO 30 INCL.)
25	323645	1	ROD-CONNECTING (NSS) PLAIN END
26	323644	1	CAP-CONNECTING ROD - PLAIN END (NSS)
27	303249	1	BUSHING-PISTON PIN
28	323648	1	DOWEL-CONNECTING ROD BEARING SHELL
29	317710	2	BOLT-CONNECTING ROD - 9/16" DIA.
30	303270	2	NUT-CONNECTING ROD BOLT
31	323540	1	SHELL-CONN. ROD BRG.-ROD HALF- SHAFT SIZE
32	323541	1	SHELL-CONN. ROD BRG.-CAP HALF- SHAFT SIZE
33	404091	1	PISTON ASSEM.-RING & (TO 38 INCL.)
34	404084	1	PISTON-CROWN TOP.
35	318891	2	RING-PISTON - 1/8" PLAIN COMP. #1 & 2
36	318903	1	RING-PISTON - 1/8" BEV. OIL SCRAPER #3
37	318921	1	RING-PISTON - 1/4" BEV. OIL CONTROL #4
38	318891	1	RING-PISTON - 1/8" PLAIN COMP. #5
39	303068	2	RETAINER-PISTON PIN
40	404020	1	PIN-PISTON
41			
42			
43			
44			
45			PARTS OF FINAL ASSEMBLY
46	107762	24	PIN-COTTER - 3/32" X .5/8" LONG-STEEL
47	109385	12	PIN-COTTER - 1/8" X 1" LONG - STEEL
48			
49			
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DATE	CHANGE	DATE	CHANGE
8-12-49	TYPED (VS)		
10-27-49	ITEMS- 15 & 36- WERE 318892		
9-28-51	ITEM 15 (318903) WAS FOR #3 RING ONLY REMOVED ITEM #17 (BFF)		
2-13-52	REMOVED & REGRADED ITEM 18 - REINSTATED ITEM 17 (318891 PISTON RING) (HFF)		

HALL-SCOTT MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.

DIVISION OF A. C. F. - BRILL MOTORS COMPANY

Mod-2268-2266- Plain Rod with shell

PARTS LIST

GROUP NAME: EXHAUST MANIFOLD (FRONT OUTLET)

GROUP - 333785

SHEET - 1 OF 2

ITEM	PART NO.	NO. REQ.	NAME
1	404396	1	MANIFOLD ASSEM.-PKG. & EXH.(WITH CLEANOUT COVER)L.H.BANK)(To 18
2	404397	1	MANIFOLD ASSEM.-PKG.& EXH.(WITH CLEANOUT COVER(R.H.BANK(To 18
3	404394	1	MANIFOLD-EXHAUST-(L.H.BANK)(NSS)(To 6 INCL.) FRONT OUTLET
4	404395	1	MANIFOLD-EXHAUST-(R.H.BANK)NSS)(To 6 INCL.) FRONT OUTLET
5	103870	4	PLUG-PIPE SQ. HD. 1" CAST IRON - MILLED FLUSH
6	106642	3	PLUG-PIPE SQ. HD. 1 1/4" CAST IRON-MILLED FLUSH
7	311978	2	STUD-WATER INLET ELBOW - 5/16" X 1.5/16" LONG
8	308776	2	STRIP-EXHAUST MANIFOLD PACKING
9	308777	2	CLAMP-EXHAUST MANIFOLD PACKING STRIP
10	311107	2	CAP SCREW- HEX. HD.- 5/16"-24 NF3 X 1 3/4" LONG
11	103025	2	NUT-HEX.- 5/16"-24 NF2
12	327386	36	STUD-EXH. MANIFOLD COVER - 5/16" X 1" LONG
13	327387	12	COVER-EXHAUST MANIFOLD
14	327388	12	GASKET-EXHAUST MANIFOLD COVER
15	131501	36	NUT-ACORN - 5/16"-24 NF2 - CAD. PL.
16	5150	36	WASHER-COPPER- 21/64" ID X 9/16" OD X 1/32" THICK
17	160905	1	PLUG-PIPE- HEX. HD. 1/4" BRASS- CAD. PL.
18	103868	1	PLUG-PIPE- SQ. HD. 1/2"- CAST IRON
19	144024	1	PLUG-PIPE - COUNTERSUNK HEADLESS - 1" BRASS
20			PARTS OF FINAL ASSEMBLY
21	317760	12	GASKET-EXHAUST MANIFOLD
22	103027	48	NUT-HEX.- 7/16"-20 NF2
23	308780	2	FLANGE-EXHAUST MANIFOLD COMPANION
24	100029	16	CAP SCREW- HEX. HD.- 3/8"-24 NF3 X 1 3/4" LONG
25	103026	16	NUT-HEX.- 3/8"-24 NF2
26			FOR PIPE ASSEM. ON CONTRACT NOBS-61244 SEE SHEET 2
27			THE FOLLOWING ITEMS 29 TO 44 INCL. ARE FOR MOD. 2268-9, 2286-7
28			
29	327280	1	PIPE ASSEM.-EXH. MFD. TO THERM. HSG. WATER-(R.H.BANK) TO 32 INCL.
30	160267	27 1/2"	TUBING-COPPER 3/8" OD
31	160015	2	NUT-SAE FLARED TUBE CPLG. FOR 3/8" OD TUBING
32	327283	2	CLAMP-PIPE- 3/8" TBG. X 3/4" CENTERS - 1/2" OFFSET
33	327281	1	PIPE ASSEM.-EXH. MFD. TO THERM. HSG. WATER-(L.H.BANK) TO 36 INCL.)
34	160267	21 3/8"	TUBING-COPPER - 3/8" OD
35	160015	2	NUT-SAE FLARED TUBE CPLG.(SHORT) FOR 3/8" OD TUBING
36	327283	2	CLAMP-PIPE- 3/8" TBG. X 3/4" CENTERS - 1/2" OFFSET
37	118750	2	CONNECTOR-SAE FLARED TUBE CPLG. 1/4" PIPE THD. X 3/8" TBG.
38	118807	1	TEE-SAE FLARED TUBE CPLG. 3 WAY FOR 3/8" OD TBG.
39	327282	1	PIPE ASSEM.-THERM. HSG. WATER INLET (To 41 INCL.)
40	160267	2 5/16"	TUBING-COPPER 3/8" OD
41	160015	2	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 3/8" OD TUBING
42	118755	1	ELBOW-SAE FLARED TUBE CPLG. 1/4" PIPE THD. X 3/8" OD TBG.
43	144051	1	BUSHING-REDUCING - 1/2" X 1/4" - BRASS
44	160905	2	PLUG-PIPE- HEX. HD. 1/4"- BRASS- CAD. PL. (OIL COOLER TO EXH. MFD. ELBOW)
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DATE	CHANGE	DATE	CHANGE
12-9-49	TYPED (YS)		
4-4-51	ITEM 7 WAS 430B		
10-12-51	ITEM #5 WAS 5 REQ'D - ADDED ITEM #19 (AFF)		
2-9-53	ADDED NOTE ITEM 26 - ITEM 32 WAS 327282 (IN ERROR) (AFF)		

HALL-SCOTT
MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.
DIVISION OF
A. C. F. - BRILL MOTORS COMPANY

MID-V-12. (FLANGE FITTED FRONT OUTLET ASM.)

PARTS LIST

GROUP NAME: EXHAUST MANIFOLD (FRONT OUTLET)

GROUP - 333785
SHEET - 2 OF 12

ITEM	PART NO.	NO. REQ.	NAME
1			THE FOLLOWING ITEMS 4 TO 17 INCL ARE FOR MODELS
2			3368-9, 3386-7
3			
4	325589	2	ELBOW-EXHAUST MANIFOLD WATER INLET
5	325567	2	GASKET-EXH. MANIFOLD WATER INLET ELBOW
6	7611	4	NUT-HEX.- 5/16"-24 NF2 - BRONZE
7	103320	4	WASHER-LOCK- 5/16" SAE STD.
8	1518	4	WASHER-STEEL- 21/64" ID X 9/16" OD X 1/16" THICK
9	327284	1	PIPE ASSEM.-EXH. MFD. TO INT. MFD. WATER R.H. BANK) (TO 12 INCL.)
10	160267	19	TUBING-COPPER - 3/8" OD
11	160015	2	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 3/8" OD TBG.
12	327283	1	CLAMP-PIPE- 3/8" TBG. X 3/4" CENTERS - 1/2" OFFSET
13	327285	1	PIPE ASSEM.-EXH. MFD. TO INT. MFD. WATER L.H. BANK) (TO 16 INCL
14	160267	18	TUBING-COPPER - 3/8" OD
15	160015	2	NUT-SAE FLARED TUBE CPLG. (SHORT) FOR 3/8" OD TBG.
16	327283	1	CLAMP-PIPE- 3/8" TBG. X 3/4" CENTERS - 1/2" OFFSET
17	118750	4	CONNECTOR-SAE FLARED TUBE CPLG. 1/4" PIPE THD. TO 3/8" TBG.
18			
19			
20			NOTE: THE FOLLOWING ITEMS USED ON CONTRACT NOBS-61244 IN PLACE
21			OF ITEMS 29 TO 44 INCL., SHEET 1.
22	408072	1	PIPE ASSEM.-EXH. MFD. TO THERM. HSG. WATER - R.H. BANK (TO 25)
23	160267	25"	TUBING-COPPER - 3/8" OD
24	160015	2	NUT-3/8" SAE FLARED TUBE
25	327283	2	CLAMP-PIPE - 3/8" TUBING X 3/4" CENTERS X 1/2" OFFSET
26			
27	408071	1	PIPE ASSEM.-EXH. MFD. TO THERM. HSG. WATER - L.H. BANK (TO 30)
28	160267	25"	TUBING-COPPER - 3/8" OD
29	160015	2	NUT-3/8" SAE FLARED TUBE
30	327283	2	CLAMP-PIPE - 3/8" TUBING X 3/4" CENTERS X 1/2" OFFSET
31			
32	118750	2	CONNECTOR-3/8" SAE FLARED TUBE TO 1/4" PIPE
33	118760	1	TEE-SAE FLARED TUBE TO 1/4" PIPE
34	113176	1	PLUG-PIPE - 1/2" SQUARE HEAD - BRASS
35	405032	2	FLANGE-TWO BOLT - 1 PIPE TAP
36			
37	325667	2	GASKET-TWO BOLT FLANGE
38	7611	4	NUT-HEX. - 5/16-24 BRONZE
39	103320	4	WASHER-LOCK - 5/16 SAE STANDARD
40	1518	4	WASHER-STEEL - 9/16 OD X 1/16 THICK
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DATE	CHANGE	DATE	CHANGE
12-9-49	TYPED (VS)		
2-9-53	ADDED ITEMS 28-40 INCL. (AFF)		

HALL-SCOTT
MOTOR CAR CO., INC., WORKS, BERKELEY, CAL.
DIVISION OF
A. C. F. - BRILL MOTORS COMPANY

MOD V-12 - (FLANGE FITTINGS FRONT OUTLET EXH)

PARTS LIST

GROUP MODEL 2268 2269 — **NAME** STARTER 24-VOLT - 14" LONG - PER SPECS MIL-M-15371 (SHIPS) — **GROUP** -334219 — **SHEET** - 1 OF 2

ITEM	PART NO.	NO. REQ.			NAME(NSS) NOT SOLD SEPARATELY
1	407662	1			STARTER ASSEMBLY-COMPLETE - (TO 41 INCL.) (2268,2287)
2	407663	1			STARTER ASSEMBLY-COMPLETE - (TO 41 INCL.) (2269,2286)
3	407660	1			STARTER-24-VOLT - C.W. ROT. L.N. (2268,2287)
4	407661	1			STARTER-24-VOLT - CCW ROT. L.N. (2269,2286)
5	319154	1			GEAR-STARTER DRIVE
6					
7	319160	1			GASKET-STARTER TO STARTER DRIVE HOUSING
8	113993	2			SCREW-FLAT HEAD MACHINE - 1/4"-20 NC x 1" LONG
9	114616	2			WASHER-EXTERNAL TOOTH COUNTERSUNK LOCK - 1/4"
10	319142	1			DRIVE ASSEMBLY-BENDIX - L.H. - (TO 15 INCL.) (2268,2287)
11	319143	1			DRIVE ASSEMBLY-BENDIX - R.H. - (TO 15 INCL.) (2269,2286)
12					
13	319140	1			DRIVE-BENDIX - L.H. - ECLIPSE (NSS) (2268,2287)
14	319141	1			DRIVE-BENDIX - R.H. - ECLIPSE (NSS) (2269,2286)
15	319144	1			SLEEVE-BENDIX DRIVE
16	407665	1			HOUSING ASSEMBLY-STARTER DRIVE - (TO ITEM 21 INCL.)
17	407659	1			HOUSING-STARTER DRIVE (NSS)
18					
19	319158	1			BUSHING-STARTER DRIVE HOUSING
20	160788	1			BEARING-NEEDLE - TORRINGTON #B-1612-X
21	319153	1			SHAFT-STARTER IDLER GEAR
22	407664	1			SHAFT ASSEM.-STARTER DRIVEN GEAR & BENDIX DRIVE - (TO 26 INC
23	407565	1			SHAFT-BENDIX DRIVE
24					
25	319157	1			GEAR-STARTER DRIVEN
26	113782	1			KEY-WOODRUFF - 1/4" x 1"
27	319619	2			KEY-WOODRUFF - 3/16" x 7/8" - HARDENED
28	319156	1			GEAR ASSEM.-STARTER IDLER - (TO ITEM 30 INCL.)
29	319155	1			GEAR-STARTER IDLER (NSS)
30	160788	1			BEARING-NEEDLE - TORRINGTON #B-1612-X
31	407941	1			COVER ASSEMBLY-STARTER DRIVE HSG. - (TO ITEM 33 INCL.)
32	407942	1			COVER-STARTER DRIVE HOUSING (NSS)
33	117920	1			PLUG-EXPANSION - 1 1/16" x .083" THICK
34	319162	1			GASKET-STARTER DRIVE HOUSING COVER
35	100112	9			CAP SCREW-HEX. HEAD - 1/4"-20 NC3 x 1 1/2" LONG
36					
37	100002	5			CAP SCREW-HEX. HEAD - 1/4"-28 NF3 x 1" LONG
38	103024	5			NUT-HEX. - 1/4"-28 NF2
39	103319	14			WASHER-LOCK - 1/4" SAE STANDARD
40	118831	2			PLUG-PIPE - HEADLESS SLOTTED - 1/8" - BRASS
41					LUBRICANT-GEAR - VISCOSITY #90
42					
43					PARTS OF FINAL ASSEMBLY
44	319161	1			GASKET-STARTER DRIVE HOUSING
45	103025	8			NUT-HEX. - 5/16"-24 NF2
46	103320	8			WASHER-LOCK - 5/16" SAE STANDARD
47					
48	324657	1		X	SWITCH-STARTING MOTOR - WATERTITE - PUSH-BUTTON - E.J. WILLIS
49	407733	1			SWITCH-MAGNETIC - D.R. #1118092 (STD. FOR 24-VOLT)
50					
51					
52				X	NOTE: PARTS MARKED THUS (X) ARE SHIPPED WITH ENGINE

DATE	CHANGE	DATE	CHANGE
12-8-52	TYPED (AFF)		
2-2-53	ITEM 31 WAS 319150 - ITEM 38 WAS 319149 - ITEM 35 WAS 6 REQ'D - ITEM 39 WAS 11 REQ'D (AFF)		
2-28-53	WAS SHEET 1 OF 1 - REMOVED ITEM 47 - REMOVED "X" FROM ITEM 49 (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL ·2268
NAME ·2269

STARTER

·24-VOLT - 14" LONG - PER SPECS MIL-M-15371

GROUP - 334219
SHEET - 2 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	407829	1	BRACKET-MAGNETIC STARTER
2	106284	2	CAP SCREW-HEX. HEAD - 3/8"-24 x 5/8" LONG
3	103321	2	WASHER-LOCK - 3/8" SAE STANDARD
4	106274	4	CAP SCREW-HEX. HEAD - 1/4"-28 x 5/8" LONG
5	103024	4	NUT-HEX. - 1/4"-28
6			
7	103319	4	WASHER-LOCK - 1/4" SAE STANDARD
8	408068	1	CABLE-STARTING MOTOR TO SWITCH - 12" LONG
9	408069	1	CABLE-STARTING MOTOR TO GROUND - 12" LONG
10			
11	161378	3	PROTECTOR-MAGNETIC SWITCH TERMINAL - MOLDED RUBBER
12			
13			
14			
15			
16			BRUSH SET #407886 (LEECE-NEVILLE #31854) (FOR REFERENCE ONLY)
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DATE	CHANGE	DATE	CHANGE
2-28-53	TYPED (AFF)		
3-5-53	ITEM 1 WAS 407176 (IN ERROR) (AFF)		
3-11-53	ADDED ITEM 11 (AFF)		
5-26-53	ITEM 11 WAS 2 REQ'D - ADDED ITEM 16 (BRUSH SET #407886) (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME	MODEL		GROUP - SHEET -
GROUP NAME	2268 2269	CRANKSHAFT WITH TORSIONAL VIBRATION DAMPER AND FRESH WATER PUMP DRIVE	GROUP - 334220 SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY
1	404822	1			CRANKSHAFT ASSEMBLY-COMPLETE - (2268,2287) (TO ITEM 38 INCL.)
2	404823	1			CRANKSHAFT ASSEMBLY-COMPLETE - (2269,2286) (TO ITEM 38 INCL.)
3	400869	1			CRANKSHAFT ASSEMBLY-GEAR, COUNTERWEIGHT & (TO ITEM 20 INCL.)
4	400868	1			CRANKSHAFT ASSEMBLY-COUNTERWEIGHT & - (TO ITEM 10 INCL.)
5	317701	1			CRANKSHAFT - (NSS)
6					
7	308665	12			COUNTERWEIGHT-CRANKSHAFT
8	317704	24			STUD-COUNTERWEIGHT
9	304845	24			NUT-COUNTERWEIGHT STUD
10	400865	6			SEAL-CRANKSHAFT CONNECTING ROD PIN
11	321384	1			GEAR ASSEMBLY-REV. GEAR DRIVE FLANGE & CRANKSHAFT - (TO 19)
12					
13	321378	1			FLANGE-REVERSE GEAR DRIVE
14	321379	1			GEAR-CRANKSHAFT
15	321381	1			KEY-STEEL - 3/8"x 27/64"x 1 9/32" (ONE END ROUNDED)
16	321380	1			SPACER-CRANKSHAFT GEAR
17	321382	1			NUT-CRANKSHAFT GEAR LOCK
18					
19	321383	1			WASHER-CRANKSHAFT GEAR LOCK NUT
20	317713	1			KEY-REVERSE GEAR DRIVE FLANGE & CRANKSHAFT GEAR
21	317966	1		X	DRUM-CLUTCH DRIVING - CAPITOL #PH-1116
22	318024	1		X	FLANGE ASSEMBLY-REVERSE GEAR DRIVE - (TO ITEM 25 INCL.)
23	317967	1		X	FLANGE-REVERSE GEAR DRIVE (NSS) - CAPITOL #PH-1114
24					
25	324259	1		X	BUSHING-REVERSE GEAR DRIVE FLANGE - CAPITOL #PH-326-B
26	308942	6			BOLT-CLUTCH DRIVING DRUM & FLANGE ATTACHING - 5/8
27	303178	6			NUT-HEX. - 5/8"-18 NF2
28	117747	25'			WIRE-STEEL - #16 (.0625" DIA.) W&M GAUGE
29	407727	1			DAMPER ASSEMBLY-TORSIONAL VIBRATION (2268,2287) (TO 33 INCL.)
30					
31	407728	1			DAMPER ASSEMBLY-TORSIONAL VIBRATION (2269,2286) (TO 33 INCL.)
32	317900	1			GEAR-FLYWHEEL RING (NSS) (2268,2287)
33	317901	1			GEAR-FLYWHEEL RING (NSS) (2269,2286)
34	310937	2			DOWEL-FLYWHEEL
35	407738	1			FLANGE-WATER PUMP DRIVE
36					
37	4655	6			CAP SCREW-HEX. HEAD - 5/8"-18 NF3 x 1 1/2" LONG
38	117747	16'			WIRE-STEEL - #16 (.0625" DIA.) W&M GAUGE
39					
40					
41					
42					
43					
44					
45				X	NOTE: PARTS MARKED THUS (X) ARE FURNISHED BY CAPITOL
46					
47					
48					
49					
50					
51					
52					

DATE	CHANGE	DATE	CHANGE
12-9-52	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268,2269 — FRESH WATER PUMP FOR THERMOSTAT BY-PASS — **GROUP** - 334223 **SHEET** - 1 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	407981	1	PUMP ASSEMBLY-WATER - MODEL 2269,2286 - (TO ITEM 34 INCL.)
2	407982	1	PUMP ASSEMBLY-WATER - MODEL 2268,2287 - (TO ITEM 34 INCL.)
3	324370	1	BODY ASSEMBLY-WATER PUMP - MODEL 2268,2287 - (TO ITEM 9 INC.)
4	324371	1	BODY ASSEMBLY-WATER PUMP - MODEL 2269,2286 - (TO ITEM 9 INC.)
5	324368	1	BODY-WATER PUMP - MODEL 2268,2287
6			
7	324369	1	BODY-WATER PUMP - MODEL 2269,2286
8	318025	6	STUD-WATER PUMP BODY - 3/8" x 1 5/16" LONG
9	324189	1	RETAINER-OIL - 1 23/32" ID x 2 7/8" OD x 3/8" THICK
10	324295	1	SHAFT-WATER PUMP - (TO ITEM 11 INCL.)
11	324349	1	SLEEVE-WATER PUMP SHAFT
12			
13	160925	1	BEARING-BALL - SINGLE ROW SELF-ALIGNING - FAFNIR #207-S
14	321492	1	NUT-BALL BEARING LOCK - N.7
15	321493	1	WASHER-BALL BEARING LOCKNUT - W.7
16	324285	1	RING-WATER PUMP BEARING RETAINING
17	324296	1	SEAL-WATER PUMP - SWITZER-CUMMINGS #111554
18			
19	324366	1	IMPELLER-WATER PUMP - MODEL 2268,2287
20	324367	1	IMPELLER-WATER PUMP - MODEL 2269,2286
21	324298	1	CAP SCREW-HEX. HEAD - 3/8"-24 NF x 1 3/4" - BRONZE DR. FOR COTTER
22	303313	1	NUT-HEX. SLOTTED - 3/8"-24 NF - BRONZE
23	160392	1	PIN-COTTER - 3/32" x 1" LONG - BRASS
24			
25	320077	1	SEAL-WATER PUMP - FRONT - SCHWITZER-CUMMINGS
26	407984	1	COVER-WATER PUMP - MODEL 2268,2287
27	407983	1	COVER-WATER PUMP - MODEL 2269,2286
28	324238	1	GASKET-WATER PUMP COVER
29	103026	6	NUT-HEX. - 3/8"-24 NF
30			
31	103321	6	WASHER-LOCK - 3/8" SAE STANDARD
32	324239	1	PIN-STEEL - 1/2" x 1 5/8" LONG
33	102795	1	SET SCREW-SLOTTED HEAD - CONE POINT - 7/16"-14 NC x 1/2" LONG
34	112578	1	PIPE PLUG-SQUARE HEAD - 1/4" - BRASS
35			
36			
37			PARTS OF FINAL ASSEMBLY
38	319453	1	GASKET-WATER PUMP
39	103026	8	NUT-HEX. - 3/8"-24 NF
40	103321	8	WASHER-LOCK - 3/8" SAE STANDARD
41	408001	1	PIPE-THERMOSTAT BY-PASS
42			
43			
44	309820	2	CONNECTION-HOSE - 2 1/4" ID x 2 3/4" OD x 2 3/4" LONG
45	161120	4	CLAMP-HOSE - AEROSEAL #QS-100-M40S
46	324305	1	PIPE-FRESH WATER PUMP OUTLET - L.H. BANK - (TO ITEM 52 INCL.)
47	324304	1	PIPE-FRESH WATER PUMP OUTLET - R.H. BANK. (TO ITEM 52 INCL.)
48			
49	315681	1	ELBOW-COPPER - NIBCO #607X2
50	315682	1	ELBOW-COPPER - NIBCO #607XX2
51	160926	23½"	PIPE-COPPER - 2" DIAMETER
52	113177	1	PLUG-PIPE - 3/4" - SQUARE HEAD - BRASS

DATE	CHANGE	DATE	CHANGE
1.29.53	TYPED (AFF)	6-8-53	REMOVED ITEM 48 - NOT REQUIRED (FJB)
2-16-53	ITEM 46 WAS 408003 - ITEM 47 WAS 408004 - ITEM 49 WAS 408005 - ITEM 50 WAS 3451 - ITEM 51 WAS 161180 - ADDED		
	ITEM 52 (113177) (AFF)		
6-3-53	ITEM 33 WAS 102740 (CUP POINT) (CONE POINT BETTER THAN CUP POINT) (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268, 2269 — FRESH WATER PUMP FOR THERMOSTAT BY-PASS — **GROUP** - 334223 **SHEET** - 2 OF 2

ITEM	PART NO.	NO. REQ.		NAME (NSS) NOT SOLD SEPARATELY
1	324996	2		CLAMP-PIPE - 2 1/8" TUBING
2	8561	2		HOSE-CONNECTING - 2" ID x 2 1/2" OD x 3" LONG
3	324309	2		HOSE-CONNECTING - 2" ID x 2 1/2" OD x 4 1/2" LONG
4	161120	8		CLAMP-HOSE - AEROSEAL 2" ID x 2 1/2" OD x 3" LONG
5	103870	4		PLUG-PIPE 1 SQUARE HEAD - CAST IRON
6				
7	318567	2		ELBOW-HOSE FITTING - 120° - FOR 1 1/4" ID HOSE - BRASS
8				
9				THE FOLLOWING ITEMS 11 TO 17 INCL. ARE STANDARD FOR REAR OUTLET
10				EXHAUST MANIFOLD (REVERSE GEAR END)
11	326930	1	X	PIPE-CYLINDER BLOCK TO EXH. MFD. WATER INLET - R.H. BANK
12				
13	326931	1	X	PIPE-CYLINDER BLOCK TO EXH. MFD. WATER INLET - L.H. BANK
14	1669	4		HOSE-CONNECTION - 1 1/4" ID x 1 9/16" OD x 2 1/2" LONG
15	161117	8		CLAMP-HOSE - AEROSEAL #QS-100-M24S - 2" ID MAX.
16	318567	2		ELBOW-HOSE FITTING - 120° - BRASS
17	301564	2		ELBOW-HOSE FITTING - 90° - BRASS
18				
19				THE FOLLOWING ITEMS 21 TO 26 INC. ARE OPTIONAL FOR FRONT OUTLET
20				EXHAUST MANIFOLD (FLYWHEEL END)
21	315330	2		ELBOW-HOSE FITTING - LONG 90° - BRASS
22	325865	2		ELBOW-HOSE FITTING - 106° - BRASS
23	405002	2		PIPE-PUMP OUTLET TO EXHAUST MFD. WATER INLET - 1 1/4" OD x 8 3/8"
24				
25	1669	4		HOSE-CONNECTION - 1 1/4" ID x 1 9/16" OD x 2 1/2" LONG
26	161117	8		CLAMP-HOSE - AEROSEAL #QS-100-M24S - 2" ID MAX.
27	301564	2		ELBOW-HOSE FITTING - 90° - BRASS
28	324303	2		PIPE-WATER OUTLET TO EXHAUST MANIFOLD
29	1669	4		HOSE-CONNECTING - 1 1/4 ID x 2 1/2 LONG
30	161117	8		CLAMP-HOSE - AEROSEAL #QS-100-M24S
31				
32			X	NOTE: STOCK OF 324306-7 PIPES CAN BE USED UP ON ENGINES WITH
33				REAR OUTLET EXHAUST MANIFOLDS AND USING CUNO FILTER
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DATE	CHANGE	DATE	CHANGE
2-16-53	TYPED (AFF)		
4-13-53	ADDED ITEMS 27 TO 30 INCL. (OMITTED FROM P/L) (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL
NAME 2268
2269

INTAKE MANIFOLD
FOR USE WITH THERMOSTAT AND BYPASS PIPE
FOR FRESH WATER ENGINE

GROUP 334224
SHEET 1 OF 1

ITEM	PART NO.	NO. REQ.		NAME (NSS) NOT SOLD SEPARATELY
1	317802	1		MANIFOLD ASSEMBLY-CARBURETOR INTAKE - (TO ITEM 7 INCL.)
2	317801	1		MANIFOLD-INTAKE (NSS)
3	161130	6		PLUG-PIPE - SOLID SQUARE HEAD - 1" C.I. - MILLED FLUSH
4	161129	6		PLUG-PIPE - SOLID SQUARE HEAD - 3/4" C.I. - MILLED FLUSH
5	305647	6		STUD-END COVER ATTACHING - 7/16" x 1 11/16" LONG
6	309226	2		STUD-THERMOSTAT HOUSING - 7/16 x 2 3/16 LONG
7	327165	12		STUD-CARBURETOR EXTENSION - 3/8" x 1 11/16 LONG
8	317804	4		ELBOW-INTAKE MANIFOLD - FRONT AND REAR
9	317807	2		ELBOW-INTAKE MANIFOLD - CENTER
10	407754	1		COVER-INTAKE MANIFOLD END - 3/4" PIPE TAP
11	103869	1		PLUG-PIPE - 3/4" SQUARE HEAD - CAST IRON
12				
13	317840	1		GASKET-INTAKE MANIFOLD END COVER
14	103027	4		NUT-HEX. - 7/16"-20 NF2
15	110405	4		WASHER-LOCK - 7/16" SAE SPECIAL LIGHT
16	103867	1		PLUG-PIPE - 3/8" SQUARE HEAD - CAST IRON
17	444613	2		PLUG-PIPE - 1/8" HEX. HEAD - CAD PLATED
18	444619	2		PLUG-PIPE - 1/4" HEX. HEAD - CAD PLATED
19				PARTS OF FINAL ASSEMBLY
20	317806	4		GASKET-INTAKE MANIFOLD ELBOW - FRONT AND REAR
21	317809	2		GASKET-INTAKE MANIFOLD ELBOW - CENTER
22	317803	6		GASKET-INTAKE MANIFOLD
23	103027	48		NUT-HEX. - 7/16"-20 NF
24				
25	103660	24		CAP SCREW-HEX. HEAD - 7/16"-20 NF3 x 3 1/4" LONG
26	110405	72		WASHER-LOCK - 7/16" SAE SPECIAL LIGHT
27	318010	1		ELBOW ASSEMBLY-PRIMER NOZZLE - (TO ITEM 29 INCL.)
28	2727	1		ELBOW-PRIMER NOZZLE (NSS)
29	7511	1		TUBE-PRIMER NOZZLE (NSS)
30				
31	318011	1		TEE ASSEMBLY-PRIMER NOZZLE - (TO ITEM 33 INCL.)
32	2726	1		TEE-PRIMER NOZZLE (NSS)
33	7511	1		TUBE-PRIMER NOZZLE (NSS)
34	318012	1		TUBE-PRIMER
35	160291	3		SLEEVE-COMPRESSION COUPLING - FOR 1/8" TUBING
36				
37	160292	3		NUT-COMPRESSION COUPLING - FOR 1/8" TUBING
38	8621	1	X	PUMP-PRIMER
39				
40				
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42				
43			X	NOTE- PARTS MARKED THUS (X) ARE SHIPPED WITH ENGINE
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HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

DATE	CHANGE	DATE	CHANGE
12-23-52	TYPED (AFF)		
4-13-53	ADDED ITEMS 17 & 18 - SEE CHANGE SLIP (AFF)		

PARTS LIST

GROUP MODEL
NAME 2268, 2269

FRESH WATER THERMOSTAT BY-PASS
MOUNTED ON INTAKE MANIFOLD

GROUP - 334225
SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	407909	1	COMPLETE THERMOSTAT ASSEMBLY - (MODEL 2269) - (TO ITEM 14 INC.
2	407910	1	COMPLETE THERMOSTAT ASSEMBLY - (MODEL 2268) - (TO ITEM 14 INC.
3	407911	1	BASE-THERMOSTAT HOUSING
4	407915	1	GASKET-THERMOSTAT HOUSING BASE
5	407913	3	THERMOSTAT ASSEMBLY
6	407912	1	HOUSING-THERMOSTAT
7	100014	8	CAP SCREW-HEX. HEAD - 5/16"-24 X 1" LONG
8	103320	8	WASHER-LOCK - 5/16" SAE STANDARD
9	407753	1	GASKET-THERMOSTAT HOUSING COVER
10	407914	1	COVER-THERMOSTAT
11	100018	2	CAP SCREW-HEX. HEAD - 5/16"-24 X 2" LONG
12			
13	100014	6	CAP SCREW-HEX. HEAD - 5/16"-24 X 1" LONG
14	103320	8	WASHER-LOCK - 5/16" SAE STANDARD
15	103868	1	PIPE PLUG-SQUARE HEAD - 1/2" CI
16	103867	1	PIPE PLUG-SQUARE HEAD - 3/8" CI
17	317840	1	GASKET-THERMOSTAT HOUSING - BASE TO INTAKE MANIFOLD
18			
19	103027	4	NUT-HEX.. 7/16"-20 NF
20	103322	4	WASHER-LOCK - 7/16" SAE STANDARD
21			
22			
23			
24			
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DATE	CHANGE	DATE	CHANGE
1-29-53	TYPED (AFF)		
3-7-53	ADDED ITEM 6 (407912) (OMITTED IN ERROR)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268,2269

SPROCKET HOUSING
LESS GENERATOR WITH BILGE PUMP DRIVE - FOR WESTON TACHOMETER GENERATOR

GROUP - 334226
SHEET - 1 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	407782	1	HOUSING ASSEMBLY-SPROCKET - (TO ITEM 11 INCL.)
2	321816	1	HOUSING-SPROCKET (NSS)
3	304777	8	STUD-ACCESSORY DRIVE SPROCKET BEARING RET. - 3/8" x 1 7/16" LONG
4	311182	8	STUD-TACHOMETER PLATE & OIL PUMP - 3/8" x 1 1/4" LONG
5	321334	4	STUD-OIL PUMP MOUNTING - 3/8" x 5 1/16" LONG
6			
7	317738	7	STUD-REVERSE GEAR UPPER HOUSING ADAPTER - 1/2" x 1 1/4" LONG
8	317963	4	STUD-CYLINDER HEAD HOLD DOWN - 1/2" x 7 7/16" LONG
9	308764	12	STUD-IDLER SPROCKET SUPPORT - 3/8" x 1 5/8" LONG
10	6215	12	STUD-BILGE PUMP & OIL FILTER BRACKET - 3/8" x 1 15/32" LONG
11	6212	2	STUD-VAPOR TAKE-OFF ELBOW - 5/16" x 1 11/32" LONG
12			
13	306444	2	SPROCKET-ACCESSORY DRIVE
14	160489	4	CONE-TAPERED ROLLER BEARING - TIMKEN #1985
15	160490	4	CUP-TAPERED ROLLER BEARING - TIMKEN #1931
16	317870	2	CHAIN-ACCESSORY DRIVE
17	309745	2	RETAINER-WATER PUMP SHAFT OIL
18			
19	317851	2	RETAINER-ACCESSORY DRIVE SPROCKET BEARING
20	317852	8	SHIM-ACCESSORY DRIVE SPROCKET BEARING RETAINER - .005" THICK
21	317853	4	SHIM-ACCESSORY DRIVE SPROCKET BEARING RETAINER - .020" THICK
22	317979	2	SUPPORT ASSEMBLY-IDLER SPROCKET - (TO ITEM 31 INCL.)
23	317761	1	SUPPORT-IDLER SPROCKET
24			
25	312215	1	SHAFT-IDLER SUPPORT
26	317820	1	SPROCKET-ACCESSORY DRIVE IDLER - TOOTHLESS
27	160578	2	BEARING-BALL - SINGLE ROW - RADIAL SNAP RING - #205-G
28	317821	1	SPACER-IDLER SHAFT BEARING
29	307519	1	NUT-BEARING RETAINING - #5
30			
31	307520	1	WASHER-BEARING RETAINING NUT LOCK - #5
32	309709	2	GASKET-IDLER SPROCKET SUPPORT
33	318066	2	RING-IDLER SPROCKET SUPPORT CLAMP
34	103026	24	NUT-HEX. - 3/8"-24 NF2
35	103321	24	WASHER-LOCK - 3/8" SAE STANDARD
36			
37	408013	1	SPROCKET-BILGE PUMP DRIVE - (FOR MODEL 2269)
38	317874	1	SHAFT-IDLER SPROCKET
39	160578	2	BEARING-BALL - SINGLE ROW - RADIAL SNAP RING - #205-G
40	317821	1	SPACER-IDLER SPROCKET SUPPORT BEARING
41	5631	1	NUT-HEX. SLOTTED - 3/4"-16 NF
42			
43	5630	1	WASHER-STEEL - 49/64" ID x 1 3/8" OD x 1/8" THICK
44	108635	1	PIN-COTTER - 1/8" x 1 1/8" LONG - STEEL
45	317984	1	SPROCKET-TACHOMETER DRIVE
46	317874	1	SHAFT-TACHOMETER DRIVE SPROCKET
47	160578	2	BEARING-BALL - SINGLE ROW - RADIAL SNAP RING - #205-G
48			
49	317821	1	SPACER-TACHOMETER DRIVE SPROCKET BEARING
50	5631	1	NUT-HEX. SLOTTED - 3/4"-16 NF
51	5630	1	WASHER-STEEL - 49/64" ID x 1 3/8" OD x 1/8" THICK
52			

2261.

DATE	CHANGE	DATE	CHANGE
2-2-53	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME '2268, '2269

SPROCKET HOUSING
LESS GENERATOR WITH BILGE PUMP DRIVE - FOR WESTON TACHOMETER GENERATOR

GROUP - 334226
SHEET - 2 OF 2

ITEM	PART NO.	NO. REQ.		NAME (NSS) NOT SOLD SEPARATELY
1	108635	1		PIN-COTTER - 1/8"x 1 3/8"LONG - STEEL
2	408014	1		FLANGE-TACHOMETER DRIVE
3	103889	1		PLUG-EXPANSION - 3/8 DIAMETER
4	112894	10"		WIRE-STEEL - #18 (.0475"DIA.) W&M GAUGE
5	408015	1		PLATE-TACHOMETER ADAPTER
6	161106	1		RETAINER-OIL - 5/8"ID x 1 1/8"OD x 5/16"WIDE
7	317957	1		GASKET-TACHOMETER ADAPTER PLATE - (ONE ONLY USED ON MODEL 2268
8	408051	1		TACHOMETER MAGNETO - WESTON MODEL 758 - TYPE KB6
9	326104	1		CONNECTOR-ELECTRIC TACHOMETER MAGNETO
10	106274	4		CAP SCREW-HEX. HEAD - 1/4-28 NF x 5/8"LONG
11	103319	4		WASHER-LOCK - 1/4"SAE STANDARD
12	4644	4		CAP SCREW-HEX. HEAD DRILLED - 1/4-28 x 5/8 LONG
13	408052	1		GASKET-TACHOMETER MAGNETO MOUNTING
14	317820	1		SPROCKET-ACCESSORY DRIVE IDLER - TOOTHLESS - (FOR MODEL 2268)
15	319519	1		PLATE-ACCESSORY DRIVE IDLER - ANODIZE - FOR MODEL 2268
16	103026	4		NUT-HEX. - 3/8-24
17	103321	4		WASHER-LOCK - 3/8"SAE STANDARD
18				
19	103341	4		WASHER-PLAIN - 13/32" ID x 13/16"OD
20				
21				
22				
23				
24				PARTS OF FINAL ASSEMBLY
25	317815	1		GASKET-SPROCKET HOUSING TO UPPER CASE
26	103028	4		NUT-HEX. - 1/2-20 NF2
27	5074	10		WASHER-STEEL - 17/32" ID x 1"OD x 1/16"THICK
28	306541	8		CAP SCREW-HEX. HEAD DRILLED - 1/2-20 NF x 1 1/4"LONG
29	117747	30"		WIRE-STEEL - #16 (.0625 DIA.) W&M GAUGE
30				
31	327381	2		REST ASSEMBLY-CAMSHAFT SPROCKET - (TO ITEM 33 INCL.)
32	317871	1		REST-CAMSHAFT DRIVE SPROCKET (NSS)
33	5503	1		DOWEL-CAMSHAFT DRIVE SPROCKET REST LOCATING
34	300638	2		CAP SCREW-HEX. HEAD - 3/8-16 x 1 1/2"LONG
35	117747	AS	REQ'D	WIRE-STEEL - #16 (.0625"DIA.) W&M GAUGE
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DATE	CHANGE	DATE	CHANGE
2-2-53	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME MODEL 2268 2269 — OIL COOLER — THERMOSTATIC CONTROL - HARRISON CORE - SEA WATER TYPE

GROUP -334227
SHEET - 1 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	407986	1	COOLER ASSEMBLY-OIL - R.H. BANK - (TO ITEM 29 INCL.)
2	407985	1	COOLER ASSEMBLY-OIL - L.H. BANK - (TO ITEM 29 INC.)
3	407794	1	BODY ASSEMBLY-OIL COOLER - R.H. BANK - (TO ITEM 8 INCL.)
4	407795	1	BODY ASSEMBLY-OIL COOLER - L.H. BANK - (TO ITEM 8 INCL.)
5	324196	1	BODY-OIL COOLER - R.H. (NSS) - AFTER CHANGE C
6			
7	324197	1	BODY-OIL COOLER - L.H. (NSS) - AFTER CHANGE C
8	324553	16	STUD-OIL COOLER CORE - 5/16"-24 x 1 1/2" LONG
9	407977	1	CORE-OIL COOLER - 18 PLATE - PER MIL-C-15730
10	321327	1	GASKET-OIL COOLER BODY TO CORE
11	407796	1	COVER ASSEMBLY-OIL COOLER - (TO ITEM 25 INCL.)
12			
13	407086	1	COVER-THERMOSTAT HOUSING AND OIL COOLER - ANODIZE - CHANGE A
14	410226	1	THERMOSTAT ASSEMBLY - DETROIT LUBRICATOR #VD-10101
15	321330	1	VALVE-OIL PRESSURE RELIEF - 15/16" DIA. x 3 9/16" LONG
16	407089	1	GASKET-THERMOSTAT HOUSING COVER
17	326300	1	SPRING-OIL PRESSURE RELIEF VALVE - 11/16" DIA. x 3 3/8"
18			
19	407087	1	COVER-THERMOSTAT HOUSING
20	106320	7	CAP SCREW-HEX. HEAD - 1/4"-20 x 7/8" LONG
21	1357	7	WASHER-STEEL - 1/2" OD x 1/16 THICK
22	103319	7	WASHER-LOCK - 1/4" SAE STANDARD
23	161011	2	PLUG-PIPE - HEX. HEAD - 1/8". BRASS - CAD PLATED
24			
25	160841	2	CONNECTOR-TRIPLE TUBE COUPLING - PARKER #12-FT
26	408065	1	GASKET-OIL COOLER CORE TO COVER
27	103025	16	NUT-HEX. - 5/16"-24
28	5150	16	WASHER-COPPER - 9/16" OD x 1/32" THICK
29	160905	2	PLUG-PIPE - HEX. HEAD - 1/4". BRASS - CAD PLATED
30			
31			PARTS OF FINAL ASSEMBLY
32	317757	2	GASKET-OIL COOLER TO BLOCK
33	103026	32	NUT-HEX. - 3/8"-24
34	4323	32	WASHER-COPPER - 3/4" OD x 1/16" THICK
35	324497	2	ELBOW-WATER INLET FLANGED - FOR 2" ID HOSE
36			
37	303325	4	GASKET-WATER INLET AND OUTLET ELBOW
38	100039	4	CAP SCREW-HEX. HEAD - 7/16"-20 x 1 1/4" LONG
39	407988	2	ELBOW-WATER OUTLET - FOR 2" ID HOSE
40	103322	4	WASHER-LOCK - 7/16" SAE STANDARD
41	324266	1	PIPE ASSEMBLY-OIL COOLER TO UPPER CASE - R.H. (2268) (TO ITEM 47
42	324267	1	PIPE ASSEMBLY-OIL COOLER TO UPPER CASE - L.H. (2269) (TO ITEM 47
43			
44	160774	20½"	TUBING-COPPER - 3/4" OD
45	160840	1	NUT-TUBE COUPLING - PARKER #12-B
46	160842	1	SLEEVE-TRIPLE TUBE COUPLING - PARKER #12-T
47	160843	1	NUT-TRIPLE TUBE COUPLING - PARKER #12-BT
48			
49	325893	1	PIPE ASSEMBLY-OIL COOLER TO THERM. BULB ADAPTER - (TO ITEM 51)
50	160774	4 13/16"	TUBING-COPPER - 3/4" OD
51	160840	2	NUT-TUBE COUPLING - PARKER #12-B
52			

DATE	CHANGE	DATE	CHANGE
2-16-53	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL 2268 — OIL COOLER — **GROUP** - 334227

NAME 2269 THERMOSTATIC CONTROL - HARRISON CORE - SEA WATER TYPE — **SHEET** - 2 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	325891	1	PIPE ASSEMBLY-THERMOSTAT BULB ADAPTER TO UPPER CASE (TO ITEM 3)
2	160774	11 3/8"	TUBING-COPPER - 3/4"OD
3	160840	2	NUT-TUBE COUPLING - PARKER #12-B
4	322024	1	ADAPTER-THERMOMETER BULB
5	103868	1	PLUG-PIPE - SQUARE HEAD - 1/2"- CAST IRON
6			
7	160837	1	CONNECTOR-TUBE COUPLING - PARKER #12-F
8	308266	2	PLUG-ASSEMBLY-CYLINDER HEAD WATER (FIT TO ELBOW 407988 ITEM
9			39, SHEET 1 (TO ITEM 11)
10	308265	1	PLUG-CYLINDER HEAD WATER (NSS)
11	304641	1	STUD-CYLINDER HEAD WATER PLUG
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DATE	CHANGE	DATE	CHANGE
2-16-53	TYPED (AFF)		
3-30-53	ADDED ITEMS @ TO 11 INCL (REQ'D TO MEET SPECIFICATION MIL-C-15730) (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL **NAME** 2269

BILGE PUMP AND DRIVE
DIRECT DRIVE

GROUP - 334229
SHEET - 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	408010	1	PUMP AND DRIVE DOG-ASSEMBLY-BILGE - (TO ITEM 4 INCL.)
2	408011	1	PUMP ASSEMBLY-BILGE
3	408012	1	DOG-BILGE PUMP DRIVE
4	311314	1	WASHER-BILGE PUMP DRIVE DOG NUT LOCK
5	408061	1	ELBOW-BILGE PUMP WATER OUTLET - 2" PIPE TO 2-1/4" ID HOSE
6	408062	1	ELBOW-BILGE PUMP WATER INLET - 2 1/2" PIPE TO 2 3/4" ID HOSE
7			
8			
9			PARTS OF FINAL ASSEMBLY
10	317957	1	GASKET-BILGE PUMP MOUNTING BRACKET
11	103026	4	NUT-HEX. - 3/8"-24
12	103321	4	WASHER-LOCK - 3/8" SAE STANDARD
13	407828	1	PIPE ASSEMBLY-OIL COOLER TO BILGE PUMP PRIMING LINE - (TO 16)
14	160267	20 1/4	TUBING-COPPER - 3/8 OD
15	160015	2	NUT-SAE FLARED TUBING FOR-3/8 OD TUBING - SHORT
16	407850	1	CLAMP-PIPE - FOR 3/8 OD TUBING - 2 7/16 CENTERS - 90° TWIST
17	144051	2	BUSHING-PIPE REDUCING - 1/2 TO 1/4 - BRASS
18			
19	118750	1	CONNECTOR SAE 3/8 OD FLARED TUBE TO 1/4 PIPE THREAD
20	118755	1	ELBOW-SAE 3/8 OD FLARED TUBE CONNECTOR TO 1/4 PIPE THREAD
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DATE	CHANGE	DATE	CHANGE
2-2-53	TYPED (AFF)		
3-12-53	ADDED ITEMS 13 TO 20 INCL. (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268-1.2269-1

PARTS SHIPPED WITH ENGINE

CONTRACT NObs 61244

GROUP - 334272

SHEET - 1 OF 2

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY
1	7693	1			SWITCH-FUEL PUMP PLUNGER TYPE
2	816453	2			CLIP-TERMINAL - FOR FUEL PUMP CONNECTION
3	327149	1			PLATE-OIL LEVEL - 3/4"WIDE X 4 3/8"LONG - FOR OIL LEVEL GAGE
4					(ALSO SHOWN IN OIL LEVEL GAGE GROUP)
5	8621	1			PUMP-PRIMER - (ALSO SHOWN IN INTAKE MANIFOLD GROUP)
6					
7	324657	1			SWITCH-STARTING MOTOR PUSH BUTTON - WATERTITE - (ALSO SHOWN IN
8					STARTER GROUP)
9	324288	1			RATCHET ASSEMBLY-HAND STARTING LEVER - FOR MODEL 2268-1 (TO 11)
10	324286	1			RATCHET-HAND STARTING LEVER - 1 7/8"DIA. X 3 5/16"LONG
11	5871	1			PIN-HAND STARTING RATCHET LEVER
12					
13	324289	1			RATCHET ASSEMBLY-HAND STARTING LEVER - FOR MODEL 2269-1 (TO 15)
14	324287	1			RATCHET-HAND STARTING LEVER - 1 7/8"DIA. X 3 5/16"LONG
15	5871	1			PIN-HAND STARTING RATCHET LEVER
16	407813	1			SWITCH ASSEMBLY-OVERSPEED GOVERNOR CUTOUT - (ALSO SHOWN IN
17					OVERSPEED GOVERNOR GROUP)
18					
19	408016	6			HOSE-CONNECTING - 2 7/8"OD x 2 3/8"ID x 5"LONG
20	161120	12			CLAMP-HOSE - WORM DRIVE - FOR 3 OD HOSE
21	314338	1			TAG-PROPELLER SHAFT ROTATION - RIGHT HAND - MODEL 2268-1
22	314339	1			TAG-PROPELLER SHAFT ROTATION - LEFT HAND - MODEL 2269-1
23	324359	1			COUPLING FLANGE-PROPELLER SHAFT - 2"TAPER BORE
24					
25	308611	1			RING-PROPELLER SHAFT COUPLING PILOT - 2 1/2"OD X 1/2"THICK
26	321855	8			CAP SCREW-HEX. HEAD - 5/8"-18 X 2"LONG - DRILLED FOR COTTER
27	317096	8			NUT-HEX. SLOTTED - 5/8"-18
28	103385	8			PIN-COTTER - 1/8"DIA. X 1"LONG
29	408017	1			GAGE-WATER TEMPERATURE - LUMINOUS DIAL GRADUATED FROM 40° TO
30					220° F. 25 FOOT LONG LEAD - 1/2"MALE PIPE THREAD.
31					STEWART-WARNER #361-B SPECIAL
32					
33	408018	1			GAGE-OIL TEMPERATURE - LUMINOUS DIAL GRADUATED FROM 100° TO
34					270° F. 25 FOOT LONG LEAD - 1/2"MALE PIPE THREAD.
35					STEWART WARNER #361-A SPECIAL
36					
37	408019	2			GAGE-OIL PRESSURE - LUMINOUS DIAL GRADUATED FROM 0 TO 100 PSI
38					1/8"MALE PIPE THREAD - STEWART-WARNER #360-A SPECIAL
39	408020	1			GAGE-FUEL PRESSURE - LUMINOUS DIAL GRADUATED FROM 0 TO 15 PSI
40					1/8"MALE PIPE THREAD - STEWART-WARNER #444234 SPECIAL
41	408021	2			GAGE-MANIFOLD VACUUM - LUMINOUS DIAL GRADUATED FROM 0 TO 30 IN.
42					OF VAC. - 1/8"MALE PIPE THREAD - STEWART-WARNER #444120
43					
44	407132	2			TACHOMETER-ELECTRIC - RADIO SHIELDED PER SPEC. MIL-R-16165
45					WESTON #545RD - 0 TO 2500 RPM - LUMINOUS DIAL
46	326104	2			CONNECTOR-ELECTRIC TACHOMETER INDICATOR - WESTON #92844
47					AN 3106-12S-3S - TWO WIRE
48					
49	314216	1			TAG-OIL PRESSURE GAGE INSTRUCTION
50	160066	3			COUPLING-PIPE - 1/8"BRASS - FOR OIL AND FUEL PRESSURE GAGES
51	118754	3			ELBOW-FLARED TUBE COUPLING - 1/8"PIPE THREAD TO 5/16"OD TBG. SAE
52					

DATE	CHANGE	DATE	CHANGE
6-10-53	RETYPED - SUPS 4-27-53 - NO CHANGE (ACC)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268-1, 2269-1

PARTS SHIPPED WITH ENGINE

CONTRACT NOBs 61244

GROUP -334272

SHEET - 2 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	160001	3	NUT-FLARED TUBE COUPLING - SHORT - FOR 5/16"OD TUBING - SAE
2	319665	1	FILTER ASSEMBLY-FUEL - PUROLATOR
3		1	PAINT-CAN OF TOUCH UP - 1/2 PINT - GREY
4	408022	1	EXCHANGER ASSEMBLY-JACKET WATER HEAT - HARRISON #HE-2121-364
5			
6		1	PARTS AND INSTRUCTION BOOK
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DATE	CHANGE	DATE	CHANGE
6-10-53	RETYPED - SUPS 5-5-53 - NO CHANGE (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY,

PARTS LIST

GROUP MODEL NAME 2268,2269 — CARBURETION & CONTROL — FOF USE WITH FRESH WATER THERMOSTAT BYPASS

GROUP -334278

SHEET - 1 OF 3

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	319759	3	CARBURETOR - 21/2"SIZE - ZENITH MODEL #1510 MVM4
2	327028	3	GASKET-CARBURETOR
3	100134	12	CAP SCREW,HEX. HEAD - 3/8"16 NC3 x 1"LONG
4	103321	12	WASHER-LOCK - 3/8"SAE STANDARD
5	4299	12	WASHER-STEEL - 25/64"ID x 3/4"OD x 1/16"THICK
6			
7	318043	3	EXTENSION ASSEMBLY-CARBURETOR - (TO ITEM 9 INCL.)
8	318036	1	EXTENSION-CARBURETOR (NSS) ANODIZE
9	317998	1	BUSHING-THROTTLE CONTROL SHAFT
10	327028	3	GASKET-CARBURETOR EXTENSION
11	103026	12	NUT-HEX. - 3/8"24 NF2
12			
13	4299	12	WASHER-STEEL - 25/64"ID x 3/4"OD x 1/16"THICK
14	103321	12	WASHER-LOCK - 3/8"SAE STANDARD
15	408053	1	BRACKET ASSEMBLY-THROTTLE SHAFT - (TO ITEM 17 INCL.)
16	408054	1	BRACKET-THROTTLE SHAFT
17	317998	1	BUSHING-THROTTLE SHAFT BRACKET
18			
19	100015	2	CAP SCREW-HEX. HEAD - 5/16"24 NF3 x 1 1/4"LONG
20	103320	2	WASHER-LOCK - 5/16"SAE STANDARD
21	318001	1	SHAFT-THROTTLE CONTROL
22	318042	1	SPACER-THROTTLE CONTROL SHAFT
23	9411	1	COLLAR-THROTTLE CONTROL SHAFT
24			
25	9412	1	PIN-STEEL - .106"DIA. x 1 1/16"LONG
26	318002	4	LEVER-THROTTLE CONTROL
27	100014	4	CAP SCREW-HEX. HEAD - 5/16"24 NF3 x 1"LONG
28	103320	4	WASHER-LOCK - 5/16"SAE STANDARD
29	300591	6	JOINT-BALL & SOCKET - SAE TYPE A - 1/4"28 NF2 - BRONZE
30			
31	318041	3	ROD-CARBURETOR THROTTLE CONTROL
32	103024	12	NUT HEX. - 1/4"28 NF2
33	103319	6	WASHER, LOCK - 1/4"SAE STANDARD
34	160015	1	NUT-SAE FLARED TUBE COUPLING (SHORT) - FOR 3/8 TUBING
35	318037	3	BASE-AIR FILTER - ANODIZE
36			
37	318039	3	GASKET-AIR FILTER BASE TO CARBURETOR
38	100109	12	CAP SCREW-HEX. HEAD - 1/4"20 NC3 x 3/4"LONG
39	103319	12	WASHER-LOCK - 1/4"SAE STANDARD
40	306625	3	FILTER-AIR MAZE - #5 - HS-B
41	318038	3	SHROUD-VAPOR TAKEOFF - ANODIZE
42			
43	318018	1	PIPE ASSEMBLY-SPROCKET HSG. OIL VAPOR TAKEOFF - (TO ITEM 45 IN
44	318017	1	PIPE-SPROCKET HOUSING OIL VAPOR TAKEOFF (NSS)
45	308565	1	ELBOW-SPROCKET HOUSING OIL VAPOR TAKEOFF
46	308415	1	GASKET-SPROCKET HOUSING OIL VAPOR TAKEOFF ELBOW
47	103025	2	NUT-HEX. - 5/16"24
48			
49	103320	2	WASHER-LOCK - 5/16"SAE STANDARD
50	318020	1	PIPE ASSEMBLY-CYLINDER HD. OIL VAPOR TAKEOFF R.H. BANK (TO 52)
51	318019	1	PIPE-CYLINDER HEAD OIL VAPOR TAKEOFF - R.H. BANK (NSS)
52	308565	1	ELBOW-CYLINDER HEAD OIL VAPOR TAKEOFF

DATE	CHANGE	DATE	CHANGE
2-26-53	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268,2269

CARBURETION & CONTROL

FOR USE WITH FRESH WATER THERMOSTAT BYPASS

GROUP - 334278

SHEET - 2 OF 3

ITEM	PART NO.	NO. REQ.	NAME (NSS) NOT SOLD SEPARATELY
1	318022	1	PIPE ASSEMBLY-CYL. HEAD OIL VAPOR TAKEOFF L.H. BANK - (TO 3)
2	318021	1	PIPE-CYLINDER HEAD OIL VAPOR TAKEOFF - L.H. BANK (NSS)
3	308565	1	ELBOW-CYLINDER HEAD OIL VAPOR TAKEOFF
4	308415	2	GASKET-CYLINDER HEAD OIL VAPOR TAKEOFF ELBOW
5	100122	4	CAP SCREW-HEX. HEAD - 5/16"-18 NC3 X 1" LONG
6			
7	103320	4	WASHER-LOCK - 5/16" SAE STANDARD
8	318008	1	PIPE ASSEMBLY-FUEL PUMP TO MAIN FUEL LINE R.H. - (TO ITEM 11)
9	160267	19 1/2"	TUBING-COPPER - 3/8" OD
10	160015	2	NUT-SAE FLARED TUBE COUPLING (SHORT) - FOR 3/8" TUBING
11	318003	1	CLAMP-PIPE - 3/8" TUBING X 1 7/16" CENTERS
12			
13	318009	1	PIPE ASSEMBLY-FUEL PUMP TO MAIN FUEL LINE L.H.-(TO ITEM 16)
14	160267	59 1/2"	TUBING-COPPER - 3/8" OD
15	160015	2	NUT-SAE FLARED TUBE COUPLING (SHORT) - FOR 3/8" OD TUBING
16	318003	2	CLAMP-PIPE - 3/8" TUBING X 1 7/16" CENTERS
17	326431	1	PIPE ASSEMBLY-MAIN FUEL LINE ; SHORT - CENTER - (TO ITEM 20)
18			
19	160267	3 1/2"	TUBING-COPPER - 3/8" OD
20	160015	2	NUT-SAE FLARED TUBE COUPLING (SHORT) - FOR 3/8" OD TUBING
21	327641	1	PIPE ASSEMBLY-MAIN FUEL LINE - CENTER - (TO ITEM 25 INCL.)
22	160267	5"	TUBING-COPPER - 3/8" OD
23	160015	2	NUT-SAE FLARED TUBE COUPLING - (SHORT) ; FOR 3/8" TUBING
24			
25	318004	1	CLAMP-PIPE - OFFSET - 3/8" TUBING X 1 3/8" CENTERS
26	318006	1	PIPE ASSEMBLY-MAIN FUEL - LONG - CENTER - (TO ITEM 29 INCL.)
27	160267	11 5/8"	TUBING-COPPER - 3/8" OD
28	160015	2	NUT-SAE FLARED TUBE COUPLING (SHORT) - FOR 3/8" TUBING
29	318004	1	CLAMP-PIPE - OFFSET - 3/8" TUBING X 1 3/8" CENTERS
30			
31	318007	3	PIPE ASSEMBLY-FUEL LINE TO CARB. - FRONT,CENTER,REAR (TO 33)
32	160267	6 1/2"	TUBING-COPPER - 3/8" OD
33	160015	2	NUT-SAE FLARED TUBE COUPLING - SHORT - FOR 3/8" OD TUBING
34	118750	7	CONNECTOR-SAE FLARED TUBE COUPLING - 1/4" PIPE THREAD 3/8" TUBING
35	118807	3	TEE-SAE FLARED TUBE - 3 WAY - FOR 3/8" TUBING
36			
37	326362	1	CROSS - 1/4" X 1/4" X 1/4" X 3/8" PIPE THREAD
38	112877	1	BUSHING-REDUCING - 1/4" TO 1/8" - BRASS
39	113175	1	PLUG-PIPE - SQUARE HEAD - 1/8" - BRASS
40	326423	1	PIPE ASSEMBLY-ELECTRIC PUMP TO MECH. FUEL - R.H. -(TO ITEM 44)
41	160267	30 1/2"	TUBING-COPPER - 3/8" OD
42			
43	160015	2	NUT-SAE FLARED TUBE COUPLING - SHORT - FOR 3/8" TUBING
44	150064	6"	LOOM - FOR 3/8" TUBING
45	326425	1	PIPE ASSEMBLY-ELECTRIC PUMP TO MECH. FUEL - L.H. - (TO ITEM 47)
46	160267	13 1/2"	TUBING-COPPER - 3/8" OD
47	160015	2	NUT-SAE FLARED TUBE COUPLING - SHORT - FOR 3/8" TUBING
48	118752	2	CONNECTOR-SAE FLARED TUBE COUPLING - 3/8" PIPE THRD. TO 1/2" TUBING
49	118755	2	ELBOW-SAE FLARED TUBE COUPLING - 1/4" PIPE THREAD TO 3/8" TUBING
50	327642	1	PIPE ASSEMBLY-CARBURETOR RETURN TO PRESS. REG. VALVE - (TO 52)
51	160310	33"	TUBING-COPPER - 1/2" OD
52	120141	2	NUT-SAE FLARED TUBE COUPLING - SHORT - FOR 1/2" TUBING

DATE	CHANGE	DATE	CHANGE
2-26-53	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP MODEL NAME 2268, 2269

CARBURETION & CONTROL

FOR USE WITH FRESH WATER THERMOSTAT BYPASS

GROUP - 334278

SHEET - 3 OF 3

ITEM	PART NO.	NO. REQ.	NAME(NSS) NOT SOLD SEPARATELY
1	327640	1	VALVE ASSEMBLY-FUEL PRESSURE REGULATING - (TO ITEM 20 INCL.)
2	327639	1	HOUSING-FUEL PRESSURE REGULATING VALVE
3	327630	1	VALVE ASSEMBLY-FUEL PRESSURE REGULATING - (TO ITEM 5 INCL.)
4	327629	1	VALVE-FUEL PRESSURE REGULATING (NSS)
5	327628	1	STEM-FUEL PRRSSURE REGULATING VALVE
6			
7	327634	1	SPRING-FUEL PRESSURE REGULATING VALVE
8	327632	1	SCREW-FUEL PRESSURE REGULATING VALVE ADJUSTING (NSS)
9	327635	1	NUT-HEX. CHECK :- 7/8"-18
10	327636	1	CAP-FUEL PRESSURE REGULATING VALVE ADJUSTING SCREW
11	306123	2	WASHER-COPPER - 57/64"ID x 1 1/4"OD x 1/16"THICK
12			
13	104923	1	BALL-STEEL - 9/16"DIAMETER
14	327839	1	PLUG ASSEMBLY-CHECK VALVE STOP PIN AND - (TO ITEM 16 INCL.)
15	327838	1	PLUG-CHECK VALVE STOP PIN RETAINING (NSS)
16	327628	1	PIN-CHECK VALVE STOP
17	322457	1	WASHER-COPPER - 25/32"ID x 1"OD x 1/16"THICK
18			
19	327954	1	PLATE-FUEL PRESSURE REGULATING VALVE HOUSING INSTRUCTION
20	161008	4	DRIVE SCREW-PARKER HARD ROUND HEAD - #00 x 3/16". TYPE"U"
21	113176	2	PLUG-PIPE - SQUARE HEAD - 1/2". BRASS
22			
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DATE	CHANGE	DATE	CHANGE
2-26-53	TYPED (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME MODEL 2268.2269 — OVERSPEED GOVERNOR, EXTERNAL TERMINALS — **GROUP** - 334280, **SHEET** - 1 OF 1

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY
1	324326	1			BRACKET-SPEED CONTROL GOVERNOR
2	322334	1			RING-OVERSPEED GOVERNOR ADAPTER
3	322335	1			PAD-OVERSPEED GOVERNOR MOUNTING
4	322336	1			RING-OVERSPEED GOVERNOR MOUNTING
5	100868	6			SCREW-FLAT HEAD MACHINE - #10-32 x 1/2"LONG - STEEL
6					
7	322337	1			SHAFT-GOVERNOR - 38"LONG (STANDARD)
8	328946	1			SHAFT-GOVERNOR - 20 FOOT LONG (OPTIONAL)
9	303567	1			CLAMP-GOVERNOR FLEXIBLE SHAFT
10	7643	1			ADAPTER-OVERSPEED GOVERNOR - RELIANCE #X-24B
11	404383	1			GOVERNOR ASSEMBLY-OVERSPEED - (TO ITEM 17 INCL.)
12					
13	404393	1			TACHOMETER-RELIANCE #D6-SL-2200
14					
15	816453	1			TERMINAL-CLIP - PACKARD #217 - 13/64"DIA. HOLE
16	404399	2			TERMINAL-CONNECTOR - BURNDY LINKIT #YRV-14
17	404400	1			SLEEVE-SOFT RUBBER CABLE - 1⅛" ID x ½"OD x 1¼"LONG - 1/16"WALL
18	309503	1			NIPPLE-RUBBER - 7 MM
19	132908	1			SCREW -ROUND HEAD - #10-32 NF x 1/2 LONG - CAD PLATED
20	160981	1			NUT -ELASTIC STOP - #10-32 NF2
21	407813	1		X	SWITCH ASSEMBLY; OVERSPEED CUTOUT - COMPLETE - (TO ITEM 51 INCL.)
22	407811	1		*	ENCLOSURE ASSEM.-OVERSPEED CUTOUT RELAY - (TO ITEM 46 INCL.)
23	407817	1			BOX-OVERSPEED CUTOUT RELAY - 1 5/8 x 2 3/4 x 5 LONG
24					
25	321930	1			COVER-OVERSPEED CUTOUT RELAY - 1 1/8 x 2 3/4 x 5 LONG
26	407819	1			BLOCK-JUNCTION - PHENOLIC - 3/16 x 1 1/4 x 4 LONG
27	110500	8			SCREW-SLOTTED ROUND HEAD - #10-24 x 1/2 LONG
28	118846	4			WASHER-PLAIN - 7/16 OD x 1/16 THICK - CAD PLATED
29	120217	8			WASHER-LOCK - #10 SAE STANDARD - CAD PLATED
30					
31	132128	3			SCREW-MACHINE SLOTTED FIL. HEAD TERM. #10-32 x 7/8 - CAD PLATED
32	118846	6			WASHER-PLAIN - 7/16"OD x 1/16"THICK - CAD PLATED
33	120217	3			WASHER LOCK - #10 SAE STANDARD - CAD PLATED
34	121801	6			WASHER-LOCK - INTERNAL TOOTHED - #10
35	120614	6			NUT-HEX. - #10-32 - STEEL - CAD PLATED
36					
37	407820	3			LEAD ASSEMBLY-OVERSPEED RELAY CUTOUT - 4"LONG - (TO 41 INCL.)
38	160967	4¼	"		CABLE - #14 - INSULATED
39	200063	1			TERMINAL-EYE - ELECTRICAL - 5/32"ID - GMC
40	200068	1			TERMINAL-EYE TYPE - ELECTRICAL - 13/64"ID - PACKARD #217
41	160971	2			SLEEVE-INSULATING - 5/16"OD x 1/2"LONG
42	407825	1			LEAD ASSEMBLY-OVERSPEED CUTOUT RELAY - SHORT - (TO ITEM 46 INCL.)
43	160967	2¾	"		CABLE - #14 - INSULATED
44	200063	2			TERMINAL-EYE TYPE - ELECTRICAL - 5/32"ID
45					
46	160971	2			SLEEVE-INSULATING - 5/16"OD x 1/2"LONG
47				X	NOTE: PARTS MARKED THUS (X) ARE SHIPPED WITH ENGINE
48	408023	1			SWITCH-CUTOUT RELAY - 24-VOLT D.C. - GE #CR-2790-E100-H33
49	100753	2			SCREW-SLOTTED ROUND HEAD MACHINE - #8-32 x 3/4 LONG
50	106496	2			WASHER-LOCK - #8 SAE STANDARD
51	446130	2			WASHER-PLAIN - 13/32"OD x 3/64"THICK - CAD PLATED
52				*	PARTS MARKED THUS (*) ARE FURNISHED BY THALE ENGR.

DATE	CHANGE	DATE	CHANGE
3-2-53	TYPED (AFF)		
3-27-53	ITEM 34 WAS 119603 - ITEM 42 WAS 407824 (IN ERROR) ITEM 52 READ "FURNISHED AS PART OF KIT 407997"		
4-13-53	ADDED "X" TO ITEM 21 - ADDED NOTE ITEM 47 (AFF)		
6-10-53	ITEM 11 READ "TO ITEM 20 INCL." (IN ERROR) (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME MODEL 2268, 2269 — RADIO SHIELDED IGNITION WIRES & DIST. FILTERS FOR 18MM SPARK PLUGS & INTREGALLY SHIELDED DISTRIBUTORS PER SPECIFICATION MIL-R-16165

GROUP - 334281

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY
1	408024	1			COMPLETE SET IGNITION WIRES & SECURING CLAMPS - (TO ITEM 51)
2	408025	1		X	COMPLETE SET IGNITION WIRES - (TO ITEM 30 INCL.)
3	408027	1			SECONDARY IGNITION WIRES-COMPLETE SET - (TO ITEM 17 INCL.)
4	408028	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #1 EXHAUST
5	408029	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #2 EXHAUST
6					
7	408030	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #3 EXHAUST
8	408031	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #4 EXHAUST
9	408032	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #5 EXHAUST
10	408033	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #6 EXHAUST
11	408034	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #1 INTAKE
12					
13	408035	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #2 INTAKE
14	408036	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #3 INTAKE
15	408037	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #4 INTAKE
16	408038	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #5 INTAKE
17	408039	2			CONDUIT, ELBOW AND CABLE ASSEM.-IGNITION WIRE - #6 INTAKE
18					
19	408026	1			PRIMARY IGNITION WIRES-COMPLETE SET - (TO ITEM 30 INCL.)
20	408040	1			CONDUIT, CONNECTOR AND CABLE ASSEM.-IGNITION WIRE - FROM
21					REAR R.H. DISTRIBUTOR TO FILTER
22	408041	1			CONDUIT, CONNECTOR AND CABLE ASSEM.-IGNITION WIRE - FROM
23					REAR L.H. DISTRIBUTOR TO FILTER
24					
25	408042	1			CONDUIT, CONNECTOR AND CABLE ASSEM.-IGNITION WIRE - FROM
26					FRONT R.H. DISTRIBUTOR TO FILTER
27	408043	1			CONDUIT, CONNECTOR AND CABLE ASSEM.-IGNITION WIRE - FROM
28					FRONT L.H. DISTRIBUTOR TO FILTER
29	408044	1			CONDUIT, CONNECTOR AND CABLE ASSEM.-WIRE - FROM ELECTRIC
30					FUEL PUMP TO FILTER
31					
32	319745	6			CLAMP-IGNITION WIRE - FOR USE WITH 2 OR 3 WIRES - 1"ID
33	404219	1			CLAMP-IGNITION WIRE - FOR USE WITH 3 OR 5 WIRES - 1 5/16"ID
34	404230	1			CLAMP ASSEMBLY-IGNITION WIRE - FOR USE WITH 5 WIRES - (TO 39)
35	404218	1			CLAMP-IGNITION WIRE - 1 5/16"ID
36	326833	1			BRACKET-IGNITION WIRE CLAMP - 1 3/8"CENTERS
37					
38	132908	1			SCREW-SLOTTED ROUND HEAD - #10-32 x 1/2"LONG - CAD. PLATED
39	160981	1			NUT-ELASTIC STOP - #10-32
40	405337	1			CLAMP ASSEMBLY-IGNITION WIRE - FOR USE WITH 6 WIRES - (TO 45)
41	404217	2			CLAMP-IGNITION WIRE - 1 1/2"ID
42					
43	405336	1			BRACKET-IGNITION WIRE CLAMP - 3"CENTERS
44	132908	1			SCREW-SLOTTED ROUND HEAD - #10-32 x 1/2"LONG - CAD PLATED
45	160981	1			NUT-ELASTIC STOP - #10-32
46	404217	1			CLAMP-IGNITION WIRE - FOR 6 WIRES - 1 1/2"ID
47					
48					
49	161207	7 8"			SLEEVING-BRAIDED COPPER - TINNED - PACKARD #690-D
50	816453	1			TERMINAL-ELECTRIC EYE TYPE - FOR #10 SCREW - PACKARD #217
51	160987	1			TERMINAL-ELECTRIC EYE TYPE - FOR 3/8"DIA. SCREW - PACKARD 2
52					

DATE	CHANGE	DATE	CHANGE
2-4-53	TYPED (AFF)		
5-14-53	ITEM 32 WAS 4 REQ'D - ITEM 33 WAS 3 REQ'D - ITEM 46 WAS 4 REQ'D - ITEM 47 WAS 1 REQ'D - REVISED		
	ITEM 47 - ADDED ITEM 48 (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

GROUP NAME MODEL 2268, 2269 — RADIO SHIELDED IGNITION WIRES & DIST. FILTERS FOR 18MM SPARK PLUGS & INTREGALLY SHIELDED DISTRIBUTORS PER SPECIFICATION MIL-R-16165

GROUP - 334281 **SHEET** - 2 OF 2

ITEM	PART NO.	NO. REQ.			NAME (NSS) NOT SOLD SEPARATELY
1	408234	1			CLAMP ASSEMBLY-IGNITION WIRE - (TO ITEM 5 INCL.)
2	407966	1			CLAMP-IGNITION WIRE - 1 5/8"ID
3	405336	1			BRACKET-IGNITION WIRE CLAMP
4	132908	1			SCREW-ROUND SLOTTED HEAD - #10-32
5	160981	1			NUT-ELASTIC STOP - #10-32
6					
7	401463	2			TAG-IGNITION WIRE MARKING - R-1
8	401464	2			TAG-IGNITION WIRE MARKING - L-1
9	401465	2			TAG-IGNITION WIRE MARKING - R-2
10	401466	2			TAG-IGNITION WIRE MARKING - L-2
11	401467	2			TAG-IGNITION WIRE MARKING - R-3
12					
13	401468	2			TAG-IGNITION WIRE MARKING - L-3
14	401469	2			TAG-IGNITION WIRE MARKING - R-4
15	401470	2			TAG-IGNITION WIRE MARKING - L-4
16	401471	2			TAG-IGNITION WIRE MARKING - R-5
17	401472	2			TAG-IGNITION WIRE MARKING - L-5
18					
19	401473	2			TAG-IGNITION WIRE MARKING - R-6
20	401474	2			TAG-IGNITION WIRE MARKING - L-6
21	408045	1			BRACKET-RADIO INTERFERENCE FILTER - ANODIZE
22	106281	2			CAP SCREW-HEX. HEAD - 5/16"24 x 1 1/8" LONG
23	103340	2			WASHER-PLAIN - 21/32" OD x 1/16" THICK
24					
25	103320	2			WASHER-LOCK - 5/16" SAE STANDARD
26	103025	2			NUT-HEX. - 5/16"24
27	408046	5		X	FILTER-RADIO INTERFERENCE SHIELDED - HOPKINS ENGR. CO. #107-S1 FOR DISTRIBUTORS AND ELECTRIC FUEL PUMP
28					
29	132119	20			MACHINE SCREW-SLOTTED FILLISTER HD. - #10-32 x 5/8" LONG - CAD.PL.
30					
31	446152	20			WASHER-PLAIN - 15/32"OD x 3/64" THICK - CAD. PLATED
32	120217	20			WASHER-LOCK - #10 SAE STANDARD
33	120614	20			NUT-HEX. - #10-32 - CAD PLATED
34					
35					
36					
37				X	PARTS FURNISHED AS PART OF KIT 407997
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					IGNITION WIRE CLAMP INSTALLATION DRAWING #408070
51					
52					

INCLUDE WITH 408025 FOR SERVICE

DATE	CHANGE	DATE	CHANGE
2-4-53	TYPED (AFF)		
4-10-53	ITEM 29 WAS 132033 (TOO SHORT) ADDED ITEM 33 (OMITTED FROM P/L) (AFF)		
5-14-53	ADDED ITEMS 1 TO 5 INCL. (AFF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

PARTS LIST

MODEL
2268-1
2269-1

ELECTRIC FUEL PUMP
RADIO SHIELDED TO MIL-R-16165
BENDIX - 24-VOLT - 4 UNIT - NEGATIVE GRD.

GROUP 334433
SHEET 1 OF 2

	ITEM	PART NO.	NO. REQ.	NAME (NSS=NOT SOLD SEPARATEL
	1	408047	1	BRACKET-ELECTRIC FUEL PUMP MOUNTING - (TO ITEM 3 INCL.)
	2	9953	2	WASHER-STEEL - 3/4"OD X 3/32"THICK (WELD IN PLACE)
	3	322170	1	WASHER-STEEL - 1"OD X 1/8"THICK
	4	408819	4	PUMP ASSEMBLY-ELECTRIC FUEL AND SHIELDED LEAD - (TO ITEM 16 INCL.
	5	408820	1	PUMP-ELECTRIC FUEL - MILITARY TYPE - 24-V NEG. GRD. (TO
	6			
	7	408057	1	BUSHING-ELECTRIC FUEL PUMP SHIELD CONNECTION - 11/16-24
	8	408060	1	LEAD ASSEMBLY-SHIELDED ELECTRIC FUEL PUMP TO JUNC. BOX. (TO ITEM
	9	161338	2	ELBOW ASSEMBLY-90° - 11/16-24 THREAD
	10	407812	2	FERRULE-SPHERICAL JOINT FITTING
	11	405053	2	NUT-COUPLING HEX. - 11/16-24
	12			
	13	161339	8	SHIELDING-CONDUIT - 9/32"ID X 7/16"OD
	14	160967	14	WIRE-LOW TENSION CABLE - #14 - PACKARD #52
	15	816453	1	TERMINAL-CLIP - FOR #10 SCREW
	16	160971	2	SLEEVE-FLEXIBLE INSULATING - 3/16"ID X 1/2"LONG
	17			
	18	408049	1	BOX ASSEMBLY-ELECTRIC FUEL PUMP SHIELD JUNCTION - (TO ITEM 29 INC.
	19	408050	1	BOX-ELECTRIC FUEL PUMP SHIELD JUNCTION - 2" X 2"X 1 7/8"
	20	328274	1	TERMINAL BLOCK-ELECTRIC FUEL PUMP
	21	115597	1	SCREW-ROUND HEAD SLOTTED - #10-32 X 1"LONG
	22	121601	3	WASHER-INTERNAL TOOTH LOCK - #10- CAD PLATED
	23	142212	2	NUT-HEX. MACHINE - #10-32 - BRASS CAD. PLATED
	24			
	25	118846	2	WASHER-PLAIN BRASS - #10 - CAD PLATED
	26	132507	2	SCREW-FILLISTER HEAD - #10-24 X 1 1/4"LONG - CAD PLATED
	27	120217	2	WASHER-LOCK - #10 SAE STANDARD - CAD PLATED
	28	408066	1	COVER-JUNCTION BOX - 2"OD X 1 1/2-12 THREAD
	29	404246	5	BUSHING-CONDUIT OUTLET - 11/16-24 THREAD
	30			
	31			
	32			PARTS OF FINAL ASSEMBLY
	33	100001	1	CAP SCREW-HEX. HEAD - 1/4-28 X 3/4"LONG (PUMP TO BRACKET)
	34	106274	4	CAP SCREW-HEX. HEAD - 1/4-28 X 5/8"LONG (PUMP TO BRACKET)
	35	103319	5	WASHER-LOCK - 1/4"SAE STANDARD
	36	103024	5	NUT-HEX. - 1/4-28
	37			
	38	100001	2	CAP SCREW-HEX. HEAD - 1/4-28 X 3/4"LONG (JUNCTION BOX TO BRACKET)
	39	103319	2	WASHER-LOCK - 1/4"SAE STANDARD
	40	408058	2	MANIFOLD-FUEL PUMP - 1 1/8"SQUARE X 6 7/8"LONG - BRASS
	41	118754	8	ELBOW-5/16"OD SAE FLARED TUBE COUPLING TO 1/8"PIPE
	42	118749	8	CONNECTOR-5/16"OD SAE FLARED TUBE COUPLING TO 1/8"PIPE
	43			
	44	408238	1	CLIP FUEL PUMP MANIFOLD
	45	408056	4	PIPE ASSEMBLY-ELECTRIC FUEL PUMP TO MANIFOLD (SHORT) (TO ITEM 47)
	46	160266	7½'	"TUBING-COPPER - 5/16"OD - .032".038"THICK WALL
	47	160001	2	NUT-FLARED TUBE COUPLING - FOR 5/16"OD TUBING (SHORT)
	48			
	49	408057	3	PIPE ASSEMBLY-ELECTRIC FUEL PUMP TO MANIFOLD (LONG) (TO ITEM 51)
	50	160266	2'	TUBING-COPPER - 5/16"OD - .032".038"THICK WALL
	51	160001	2	NUT-FLARED TUBE COUPLING - FOR 5/16"OD TUBING (SHORT)

DATE	CHANGE		DATE	CHANGE
11-23-53	TYPED			

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

H-S FORM NO. 715

PARTS LIST

MODEL
2268-1
2269-1

ELECTRIC FUEL PUMP
RADIO SHIELDED TO MIL-R-16165
BENDIX - 24-VOLT - 4 UNIT - NEGATIVE GRD.

GROUP 334433
SHEET 2 OF 2

	ITEM	PART NO.	NO. REQ.	NAME (NSS=NOT SOLD SEPARATELY)
	1	407854	1	PIPE ASSEMBLY-ELECTRIC FUEL PUMP TO MANIFOLD OFFSET (TO ITEM 3 INC.)
	2	160266	8	TUBING-COPPER - 5/16 OD - .032-.038 THICK WALL
	3	160001	2	NUT-FLARED TUBE COUPLING (SHORT) FOR 5/16 OD TUBING
	4	120322	1	BUSHING-REDUCING - 1/2 TO 3/8 PIPE - BRASS
	5	408059	1	PIPE ASSEMBLY-ELECTRIC FUEL PUMP MFD. TO FUEL PRES. REG. VALVE (TO 8)
	6			
	7	160310	8½	TUBING-COPPER - 1/2 OD
	8	120141	2	NUT-FLARED TUBE COUPLING - FOR 1/2 OD TUBING
	9	118757	2	ELBOW-1/2 SAE FLARED TUBE COUPLING TO 3/8 PIPE
	10	160772	2	ELBOW-3/8 SAE FLARED TUBE COUPLING TO 1/4 PIPE
	11			
X	12	7693	1	SWITCH-FUEL PUMP - TWO POLE SINGLE THROW PLUNGER TYPE
X	13	816453	2	CLIP-TERMINAL - EYE TYPE FOR #10 SCREW
	14			
	15			
	16			
X	17			PARTS MARKED THUS (X) ARE SHIPPED WITH ENGINE
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DATE	CHANGE	DATE	CHANGE
11-23-53	TYPED (REF)		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

H-S FORM NO. 715

PARTS LIST

MODEL 2268-1, 2269-1

DISTRIBUTOR AND DISTRIBUTOR DRIVE
INTEGRALLY SHIELDED - NEGATIVE GROUND - D.R. #

GROUP 334434
SHEET 1 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS=NOT SOLD SEPARATELY)
1	407992	1	HOUSING ASSEMBLY-SPINDLE & DIST. DRIVE - R.H. BANK (TO ITEM 37 INC
2	407994	1	HOUSING ASSEMBLY-STUDS, BUSHINGS & DIST. DRIVE - (TO ITEM 8 INC.)
3	407996	1	HOUSING-DISTRIBUTOR DRIVE (NSS) ANODIZE
4	161333	2	BUSHING-DISTRIBUTOR GEAR - 3/4"OD X 1 1/2"LONG - OILITE #F-708-8
5	117919	2	PLUG-EXPANSION - 15/16"DIA. X .032"THICK
6			
7	311182	6	STUD-DISTRIBUTOR DRIVE HOUSING COVER - 3/8"24 & 3/8"16 X 1 1/4
8	311837	1	RETAINER-OIL - 2 1/4"OD X 3/8"THICK
9	407998	1	SHAFT ASSEMBLY-SPINDLE & DISTRIBUTOR DRIVE - (TO ITEM 11 INCL.)
10	407999	1	SHAFT-DISTRIBUTOR DRIVE (NSS)
11	312972	1	SPINDLE-TACHOMETER DRIVE - SLOTTED - 3/8"DIA. X 2 13/16"LONG
12			
13	160854	1	BALL BEARING-SINGLE ROW SHIELDED - #304
14	321376	2	GEAR-DISTRIBUTOR DRIVE - 14 TEETH
15	110731	2	KEY-WOODRUFF - 3/32"X 5/8"- STEEL
16	408006	1	SLEEVE-DISTRIBUTOR GEAR SPACING
17	161348	1	BALL BEARING-SINGLE ROW SHIELDED
18			
19	114498	1	NUT-HEX. - 5/8"18 NF2 - THIN
20	103325	1	WASHER-LOCK - 5/8"SAE STANDARD
21	322254	1	COVER ASSEMBLY-DISTRIBUTOR DRIVE HOUSING - (TO ITEM 23 INCL.)
22	321374	1	COVER-DISTRIBUTOR DRIVE HOUSING (NSS) ANODIZE
23	309007	1	RETAINER-OIL - 1 53/64"OD X 3/8"THICK
24			
25	323498	1	GASKET-DISTRIBUTOR DRIVE HOUSING COVER
26	114494	2	NUT-HEX. - 3/8"24 - JAM
27	103321	2	WASHER-LOCK - 3/8"SAE STANDARD
28	4299	2	WASHER-STEEL - 3/4"OD X 1/16"THICK
29	321377	1	SPACER-STEEL - 1"OD X 21/32"LONG
30			
31	319952	1	ADAPTER-TACHOMETER - 2 1/8"DIAMETER FLANGE
32	110489	3	SCREW-SLOTTED FILLISTER HEAD - #10-24 X 3/4"LONG - STEEL
33	106497	3	WASHER-LOCK - #10 SAE STANDARD
34	106767	2	CUP-GREASE - LUNKENHEIMER TIGER #1
35	160607		GREASE - GREDAG #S-63
36			
37	322813	1	GASKET-TACHOMETER ADAPTER
38	407991	1	HOUSING ASSEMBLY-DISTRIBUTOR DRIVE - L.H. BANK - (TO ITEM 15, SHEET
39	407993	1	HOUSING ASSEMBLY-STUDS, BUSHING & DIST. DRIVE - (TO ITEM 45 INC.)
40	407995	1	HOUSING-DISTRIBUTOR DRIVE (NSS) ANODIZE
41	161333	2	BUSHING-DISTRIBUTOR GEAR - 3/4"OD X 1 1/2"LONG - OILITE #F-708-8
42			
43	117919	2	PLUG-EXPANSION - 15/16"DIA. X .083"THICK
44	103895	1	PLUG-EXPANSION - 1 1/4"DIA. X .083"THICK
45	311182	6	STUD-DISTRIBUTOR DRIVE HOUSING COVER - 3/8-24 & 3/8-16 X 1 1/4 L
46	407999	1	SHAFT-DISTRIBUTOR DRIVE
47	160854	1	BALL BEARING-SINGLE ROW SHIELDED #304
48			
49	161048	1	BALL BEARING-SINGLE ROW SHIELDED - #7504
50	321376	2	GEAR-DISTRIBUTOR DRIVE - 14 TEETH
51	110731	2	KEY WOODRUFF - 3/32"X 5/8"STEEL

DATE	CHANGE	DATE	CHANGE
11-24-53	TYPED		
2-1-55	[illegible]		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

H.S. FORM NO. 715

PARTS LIST

MODEL 2268-1, 2269-1

DISTRIBUTOR AND DISTRIBUTOR DRIVE
INTEGRALLY SHIELDED - NEGATIVE GROUND - D.R. #

GROUP 334434
SHEET 2 OF 2

ITEM	PART NO.	NO. REQ.	NAME (NSS=NOT SOLD SEPARATELY)
1	408006	1	SLEEVE-DISTRIBUTOR GEAR SPACING
2	114498	1	NUT-HEX. - 5/8"18 NF2 - THIN
3	103325	1	WASHER-LOCK - 5/8"SAE STANDARD
4	322254	1	COVER ASSEMBLY-DISTRIBUTOR DRIVE HOUSING - (TO ITEM 7 INCL.)
5	321374	1	COVER-DISTRIBUTOR DRIVE HOUSING (NSS) - ANODIZE
6			
7	309007	1	RETAINER-OIL - 53/64"OD X 3/8"THICK
8	323498	1	GASKET-DISTRIBUTOR DRIVE HOUSING COVER
9	103026	2	NUT-HEX. - 3/8"24
10	103321	2	WASHER-LOCK - 3/8"SAE STANDARD
11	4299	2	WASHER-STEEL - 3/4"OD X 1/16"THICK
12			
13	321377	1	SPACER-STEEL - 1"OD X 21/32"LONG
14	160767	2	CUP-GREASE - LUNKENHEIMER TIGER #1 - 1/4"PIPE THREAD
15	160607		GREASE - GREDAG #S-63
16			
17			
18			PARTS OF FINAL ASSEMBLY
19	408007	4	GEAR-DISTRIBUTOR DRIVEN - 14 TEETH
20	408008	4	GASKET-DISTRIBUTOR - 1 7/8"OD X 1/64"THICK - RED FIBER
21	408821	4	DISTRIBUTOR-IGNITION SHIELDED - DELCO-REMY # 1111509 (NEGATIVE GROUND)
22	400810	8	CLAMP-DISTRIBUTOR MOUNTING - STEEL
23	103026	16	NUT-HEX. - 3/8"24 NF2 (FOR BRACKET TO UPPER CASE & DISTRIBUTOR)
24			
25	103321	16	WASHER-LOCK - 3/8"SAE STANDARD
26	407826	4	DIAL-DISTRIBUTOR FIRING ORDER - 3 1/8"OD X .023"THICK - STEEL - FOR MODEL 2268-1 - CAD PLATED
27			
28	407827	4	DIAL-DISTRIBUTOR FIRING ORDER - 3 1/8"OD X .023"THICK - STEEL - FOR MODEL 2269-1 - CAD PLATED
29			
30			
31	161615	4	PLUG-RUBBER - 1 1/4 OD X 1/4 THICK - FOR ASSEMBLY UNDER LEVER ITEM 20 AND 28
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DATE	CHANGE		DATE	CHANGE
11-25-53	TYPED	(AEF)		
2-12-58	CHANGED [illegible]	[illegible]		

HALL-SCOTT MOTOR DIVISION
ACF-BRILL MOTORS COMPANY

U.S. FORM NO. 715

PARTS LIST

MODEL 2268-1, 2269-1

OIL FILTER
BY-PASS TYPE - FOR MILITARY SENIOR ELEMENTS

GROUP 334652
SHEET 1 OF 1

ITEM	PART NO.	NO. REQ.	NAME (NSS=NOT SOLD SEPARATELY)
1	410633	2	OIL FILTER ASSEMBLY-COMPLETE. (TO ITEM 33 INCL.)
2	410634	1	BRACKET ASSEMBLY-COMPLETE OIL FILTER - (TO ITEM 19 INCL.)
3	410635	1	BRACKET ASSEMBLY-PLUGS AND - (TO ITEM 5 INCL.)
4	410636	1	BRACKET-OIL FILTER - 7 3/4" x 11" - BRASS (NSS)
5	103893	3	PLUG-EXPANSION - 7/8" DIA. - STEEL
6			
7	322015	1	SPRING-OIL PRESSURE BY-PASS VALVE - 9/16" DIA. x 2 5/8" LONG
8	322014	1	VALVE-OIL PRESSURE BY-PASS - 23/32" DIA. x 2" LONG
9	325760	1	PLUG-OIL PRESSURE BY-PASS VALVE RETAINING - 3/4 PIPE x 9/16" LONG
10	410650	1	PIPE ASSEMBLY-BY-PASS RETURN - (TO ITEM 13 INCL.)
11	160266	5"	TUBING-COPPER - 5/16" OD - .032"-.038" THICK WALL
12			
13	160001	2	NUT-TUBING - 5/16" SAE TUBE
14	118754	1	ELBOW-TUBE COUPLING - 90° SAE - 5/16" OD TUBE
15	118749	1	COUPLING-TUBE - 5/16" OD TUBE
16	410649	2	PLATE-OIL DISTRIBUTION - 4 5/8" OD x 1/16" THICK - STEEL
17	410619	2	SCREW-OIL DISTRIBUTION PLATE RETAINING - HEX. HEAD - 7/8"-14 - STEEL
18			
19	113177	2	PLUG-PIPE - 3/4" BRASS - SQUARE HEAD
20	410627	2	SHELL ASSEMBLY-OIL FILTER - (TO ITEM 23 INCL.)
21	410628	1	SHELL-OIL FILTER - 5" OD x 9 3/4" LONG - STEEL
22	410629	1	DECAL-OIL FILTER INSTRUCTION AND NAME PLATE - 3 1/4" x 3"
23	161011	1	PLUG-PIPE - 1/8" BRASS - CAD PLATED - HEX. HEAD
24			
25	410990	2	ELEMENT-OIL FILTER - MILITARY STD. - 4 1/2" DIA. x 8" LONG -
26			
27	327468	2	GASKET-OIL FILTER SHELL - 5 1/8" OD - WINSLOW #1330
28	410651	2	CAP SCREW-HEX. HEAD - 7/16"-20 x 2 1/2" LONG - DRILLED
29	327473	2	WASHER-COPPER - 29/64" ID x 3/4" OD x 1/16" THICK
30			
31	327471	2	SPRING-OIL FILTER ELEMENT RETAINING - 3 5/8" FREE LENGTH - WINSLOW #1327
32			
33	327472	4	WASHER-ELEMENT RETAINING - 19/32" ID x 2" OD x 1/16" THICK - STEEL
34			
35			
36			
37			PARTS OF FINAL ASSEMBLY
38	321415	2	GASKET-OIL FILTER BRACKET - FOUR HOLE - 2 11/16" x 3 1/4" - PAPER
39	103026	8	NUT-HEX. - 3/8"-24
40	4299	8	WASHER-STEEL - 25/64" ID x 3/4" OD x 1/16" THICK
41	103321	8	WASHER-LOCK - 3/8" SAE STANDARD
42	407797	2	PIPE ASSEMBLY-OIL FILTER TO OIL COOLER - (TO ITEM 46 INCL.)
43	160774	6 3/4"	TUBING-COPPER - 3/4" OD
44	160840	1	NUT-TUBE COUPLING - PARKER #12-S
45	160842	1	NUT-TRIPLE TUBE COUPLING - PARKER #12-ST
46	160843	1	SLEEVE-TRIPLE TUBE COUPLING - PARKER #12-T
47			
48	160838	2	ELBOW-TUBE COUPLING - 90° - 3/4" PIPE - 3/4" TUBE - PARKER #12-C
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DATE	CHANGE	DATE	CHANGE
7-26-55	TYPED (54		

HALL-SCOTT MOTORS COMPANY

H.S. FORM NO. 718