

1968

STANDARD

COLT

PARTS

AND

SERVICE

MANUAL

POLARIS INDUSTRIES, INC.
ROSEAU, MINNESOTA—U.S.A.

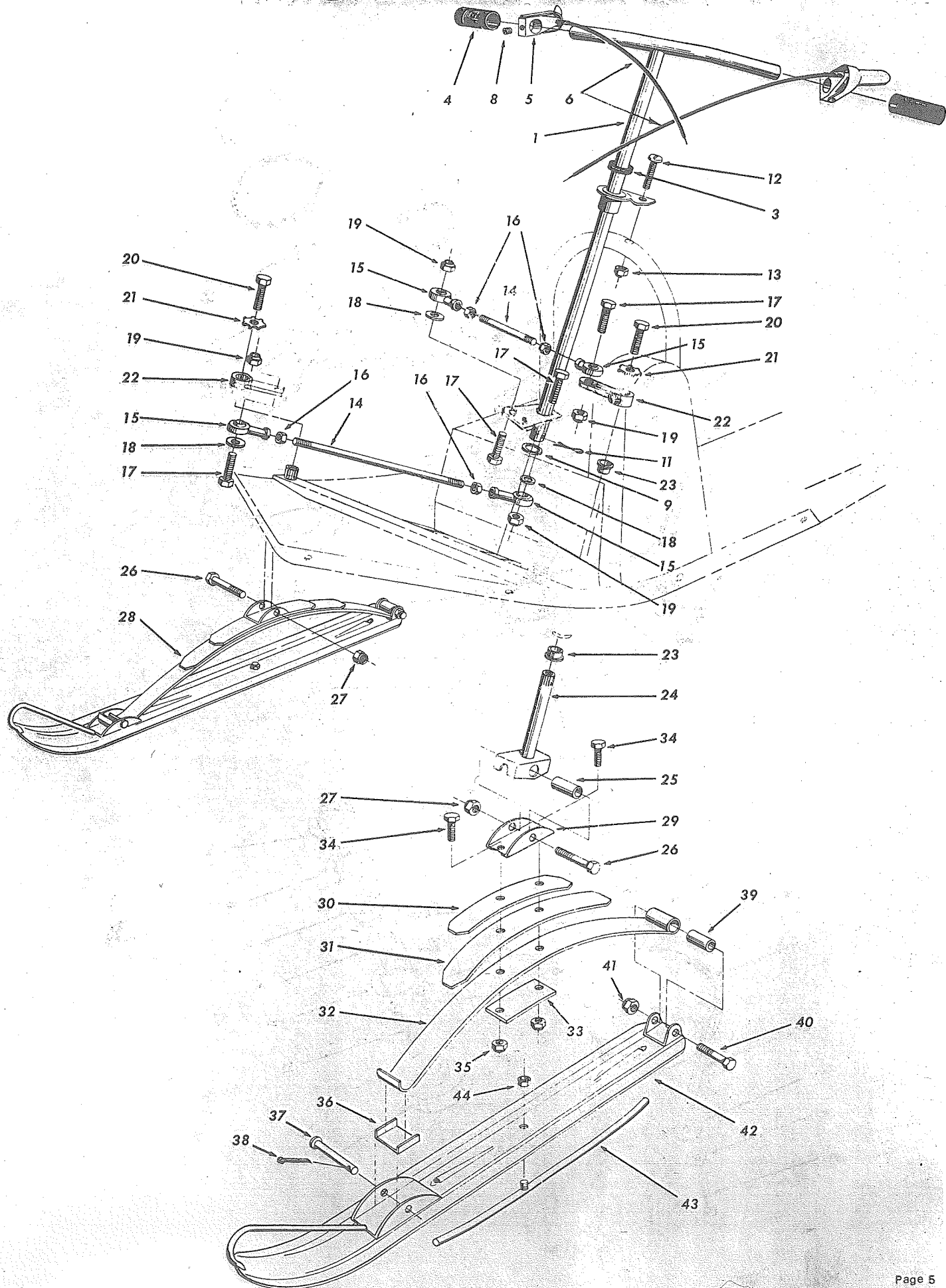
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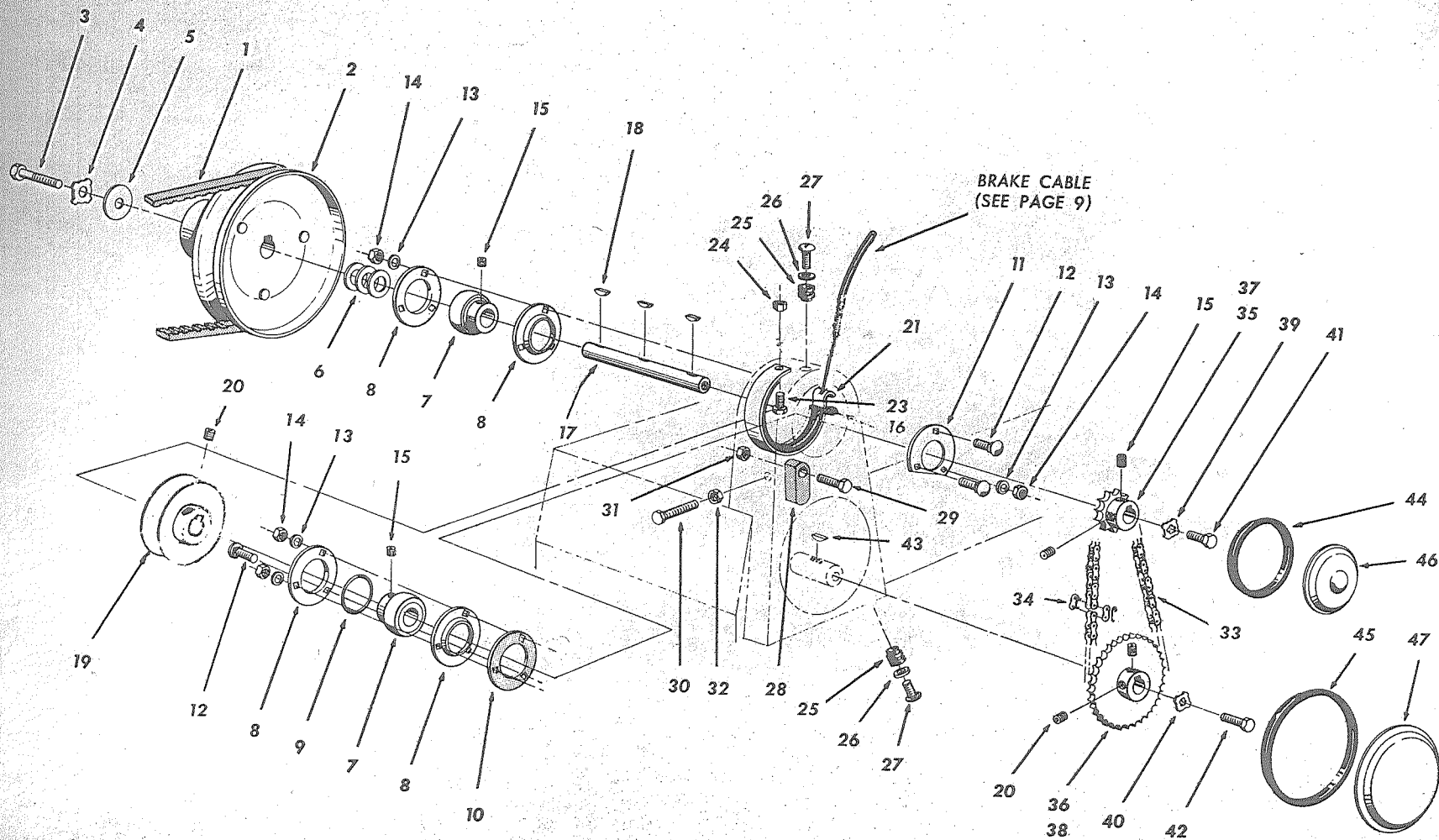
STEERING GROUP

ITEM NO.	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
1	11779	1823005	STEERING POST	1	
2					
3	11809	5410010	GROMMET	1	
4	11799	5430005	HANDLE GRIP	2	
5	11771	2010004	THROTTLE AND BRAKE CONTROL	2	
6	11775	7080009	THROTTLE AND BRAKE CABLE	2	
7					
8	11835	7512308	5/16 - 18 x 5/16 SOC. HD. SET SCREW	2	
9	785	7556401	MACHINERY BUSHING 7/8 x 16 GA.	1	
10					
11	11650	7661501	COTTER PIN 5/32 x 1 1/4	1	
12	12428	7512101	1/4 - 20 x 1 1/4 PAN HD. MACHINE SCREW	2	
13	11828	7542103	1/4 - 20 LOCK NUT	2	
14	11657	5020042	TIE ROD	2	
15	12115	7060101	ROD END BEARINGS	4	
16	10149	7542401	3/8 - 24 HEX. NUT	4	
17	762-P61	7512404	3/8 - 24 x 1 1/2 HEX. HD. CAP SCREW	4	
18	737	7558501	3/8 SAE WASHER	4	
19	11824	7542403	3/8 - 24 FLEX LOCK NUT	4	
20	10152	7512304	5/16 - 18 x 1" NYLOCK HEX. HD. CAP SCREW	2	
21	11832	7577901	5/16 INT. EXT. WASHER	2	
22	11742	1822001	STEERING ARM	2	
23	11529	3573901	SPINDLE HOUSING/BUSHING	2	
24	11740	1821003	SPINDLE	2	
25	11750	5010001	SKI SADDLE BUSHING	1	
26	11825	7512406	3/8 - 16 x 3 HEX. HD. CAP SCREW	2	
27	11819	7542402	3/8 - 16 FLEX LOCK NUT	2	
28	11776	1820101	SKI ASSEMBLY	2	
29	11473	5221001	SKI SADDLE		1
30	11737	7043003	TOP LEAF SPRING		1
31	11736	7043002	CENTER LEAF SPRING		1
32	11735	7043001	MAIN LEAF SPRING		1
33	11380	5210007	SPRING PLATE		1
34	730-P61	7512405	3/8 - 24 x 1 1/4 HEX. HD. CAP SCREW		2
35	11824	7542403	3/8 - 24 FLEX LOCK NUT		2
36	11772	5430003	WEAR PLATE		1
37	11777	7662001	3/8 x 2 3/4 CLEVIS PIN		1
38	10028	7661401	1/8 x 1" COTTER PIN		1
39	11786	5010002	SPRING BUSHING		1
40	11825	7512406	3/8 - 16 x 3 HEX. HD. CAP SCREW		1
41	11819	7542402	3/8 - 16 FLEX LOCK NUT		1
42	11774	1820102	SKI		1
43	11378	1820103	SKAG		1
44	11831	7542302	5/16 - 18 LOCK NUT		1

STEERING GROUP



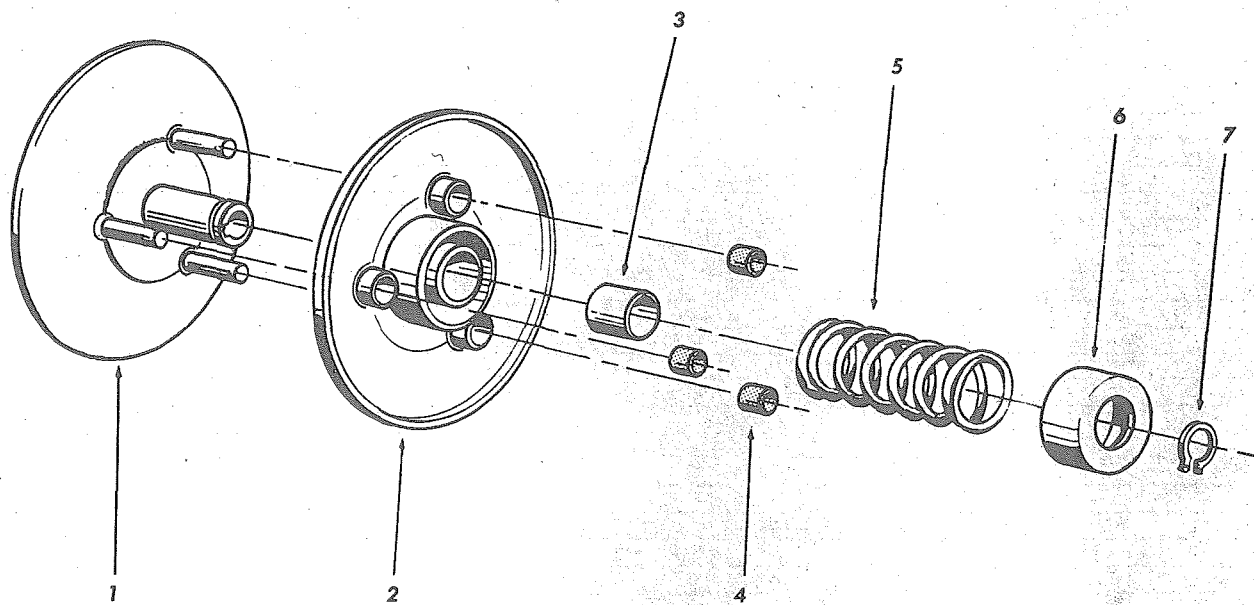
DRIVE AND BRAKE GROUP



DRIVE AND BRAKE GROUP

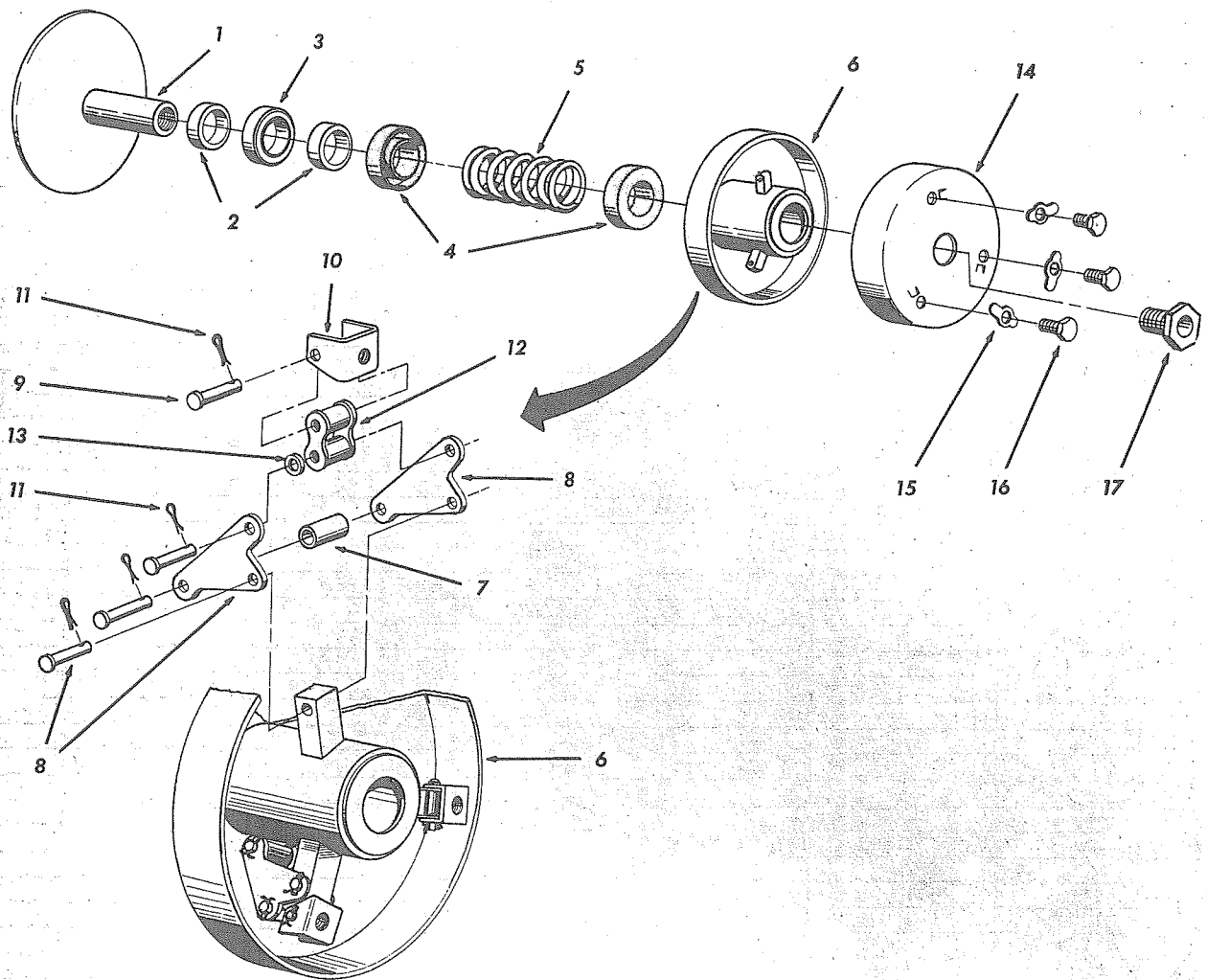
ITEM NO.	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
1	12284	3211001	DRIVE BELT	1	
2	11181	1322001	DRIVEN CLUTCH	1	
3	11103	7512302	5/16 - 18 x 3 HEX. HD. CAP SCREW	1	
4	11832	7577901	5/16 INT. EXT. WASHER	1	
5	768-P61	7558401	5/16 I.D. x 1-3/8 O.D. FLAT WASHER	1	
6	11651	7556301	MACHINERY BUSHING 3/4 I.D. x 1 1/4 O.D. x 16 GA.	3	
7	559	3513901	BEARING WITH LOCK COLLAR - 3/4 I.D.	2	
8	11407	5221018	FLANGETTE	4	
9	11512	5410008	"O" RING	1	
10	11511	5810001	GASKET	1	
11	11630	5210003	BEARING PLATE	1	
12	770-P61	7512301	5/16 - 18 x 3/4 CARRIAGE BOLT	3	
13	11652	7558402	5/16 SAE WASHER	6	
14	11831	7542302	5/16 - 18 LOCK NUT	6	
15	11836	7512105	1/4 - 20 SOC. HD. SET SCREW	4	
16	5738	7080010	SWIVEL JOINT LOCK	1	
17	11661	5020010	JACKSHAFT	1	
18	11139	7727001	WOODRUFF KEY #9	3	
19	569	1910003	BRAKE PULLEY	1	
20	11835	7512308	5/16 - 18 SOC. HD. SET SCREW	4	
21	11502	1910002	BRAKE BAND WITH LINING	1	
22					
23	701-P61	7512102	1/4 - 20 x 1/2 HEX. HD. CAP SCREW	1	
24	11828	7542103	1/4 - 20 FLEX LOCK NUT	1	
25	12098	7542104	1/4 - 20 RUBBER WELL NUT	2	
26	741-P59	7558301	1/4 SAE WASHER	2	
27	11829	7512108	1/4 - 20 x 3/4 PAN HD. MACHINE SCREW	2	
28	11552	5330020	CHAIN TIGHTENER BLOCK	1	
29	789	7512306	5/16 - 18 x 1 1/4 HEX. HD. CAP SCREW	1	
30	11959	7512309	5/16 - 18 x 2 HEX. HD. MACHINE SCREW	1	
31	11820	7542303	5/16 - 18 FLEX LOCK NUT	1	
32	753	7542301	5/16 - 18 HEX. NUT	1	
33	11528	3224001	ROLLER CHAIN WITH CONNECTOR LINK	1	
34	5669	3225004	#40 CONNECTOR LINK ONLY	1	
35	10616	3221001	SPROCKET 11 TOOTH	1	
36	11486	3222002	SPROCKET 38 TOOTH	1	
37					
38					
39	11834	7577801	1/4 INT. EXT. WASHER	1	
40	11833	7577902	5/16 INT. EXT. WASHER	1	
41	11416	7512104	1/4 - 20 x 1 HEX. HD. CAP SCREW	1	
42	10152	7512304	5/16 - 18 x 1 HEX. HD. CAP SCREW	1	
43	11346	7727101	WOODRUFF KEY #91	1	
44	11488	5410007	UPPER CHAIN CASE GASKET	1	
45	11487	5410006	LOWER CHAIN CASE GASKET	1	
46	11498	1332101	UPPER CHAIN CASE COVER	1	
47	11499	5221004	LOWER CHAIN CASE COVER	1	

DRIVEN CLUTCH ASSEMBLY



ITEM NO.	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
	11181	1322001	DRIVEN CLUTCH COMPLETE	1	
1	11181-A	1322005	STATIONARY FACE AND HUB		1
2	11181-B	1322006	MOVEABLE FACE AND HUB		1
3	11432	3564502	BUSHING		1
4	11671	3562601	BUSHING		3
5	12422	7041001	SPRING		1
6	11181-C	5230013	SPRING RETAINER		1
7	11251	7714401	SNAP RING		1

DRIVE CLUTCH ASSEMBLY



ITEM NO	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
	11852	1321004	DRIVE CLUTCH COMPLETE - 275 cc SACHS	1	
1	11852-B	1321009	STATIONARY FACE & HUB - 275 cc SACHS		1
2	11180-J	5010010	SPACER		2
3	11244	3515801	BEARING		1
4	11245	5630001	BUSHING		2
5	11246	7041002	SPRING		1
6	11180-A	1321005	MOVEABLE FACE & ARM ASSEMBLY		1
7	11180-E1	5020013	WEIGHTS		3
8	11180-F	3225002	PIVOT LINKAGE		3
9	11180-H	3225003	PIN		3
10	11180-L	5221032	ATTACHING CLIP		3
11	10855	7661001	COTTER PIN		12
12	10487	3225001	#60 ROLLER LINK		3
13	741-P59	7558301	1/4 SAE FLAT WASHER		3
14	11180-C	5230014	DRIVE PLATE AND COVER		1
15	11180-K	5210029	BOLT LOCK		3
16	11277	7512106	1/4-28 X 3/8 HEX. HD. CAP SCREW		3
17	11236-D	5020015	RETAINING BOLT - DRIVE CLUTCH 11852		1

STANDARD COLT BODY AND TRIM GROUP

ITEM NO.	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
		2631004	NOSE ASSEMBLY	1	
1	12147	5440004	FIBERGLASS NOSE		1
2	12132	5430002	GRILL		2
3	12438	7670001	3/16 PUSH ON NUT		8
4	12428	7512101	1/4 - 20 x 1 1/4 PAN HD. MACHINE SCREW		6
5	11409	7542106	1/4-20 SPEED NUT U-TYPE		6
6	11417	7571801	1/4 EXT. LOCK WASHER		6
7	12176	7071024	DECAL - RIGHT HAND		1
8	12177	7071025	DECAL - LEFT HAND		1
9	12164	2431001	HEAD LIGHT (COMPLETE WITH FASTENERS)		1
10	12554	4030002	SEALED BEAM ONLY		1
11		2651003	WINDSHIELD ASSEMBLY	1	
12	12146	5850004	WINDSHIELD		1
13	12173	5521003	TRIM		1
14	12163	5510006	ATTACHING BAND		1
15					
16					
17	12414	7511902	#10-32 X 1 1/2 SLOT PAN HD. MACHINE SCREW		5
18	11803	7541901	#10-32 RUBBER WELL NUT		5
19					
20					
21					
22					
23					
24					
25					
26					
27	11843	7621302	5/32 POP RIVIT	4	
28					
29	11788	5440005	CONSOLE		
30	12068	5410011	GROMMET (WITH CUT-OUT MUFFLER)	1	
31	11798	4110002	IGNITION SWITCH	1	
32				1	
33					
34	11770	1011003	MAIN BODY ASSEMBLY	1	
35					
36					
37					
38	11769	2670006	BUMPER		1
39					
40					
41	11829	7512108	1/4-20 X 3/4 SLOT PAN HD. MACHINE SCREW		1
42	11828	7542103	1/4-20 FLEX LOCK NUT		1
43					
44	11845	5223010	HITCH		1
45	707	7512307	5/16-18 X 3/4 HEX. HD. CAP SCREW		2
46	11820	7542303	5/16-18 FLEX LOCK NUT		3
47	11582	7073001	SERIAL PLATE		1
48	11679	7521301	#2 X 3/16 METALLIC DRIVE SCREW		4
49	11778	2670005	GRASP BAR	1	
50	729	7512402	3/8-16 X 1" HEX. HD. CAP SCREW	4	
51	12174	2681005	BOTTOM CUSHION	1	
52	12175	2682004	BACK CUSHION	1	
53	11519	5224034	BACK REST HOLD DOWN	1	
54	11846	2432003	TAIL LIGHT ASSEMBLY	1	
55	11846-A	5430006	RED LENS		1
56	11846-B	4030003	BULB		1
57	11895	7527601	#6 x 1" PH. OVAL HD. WOOD SCREW		2
58					
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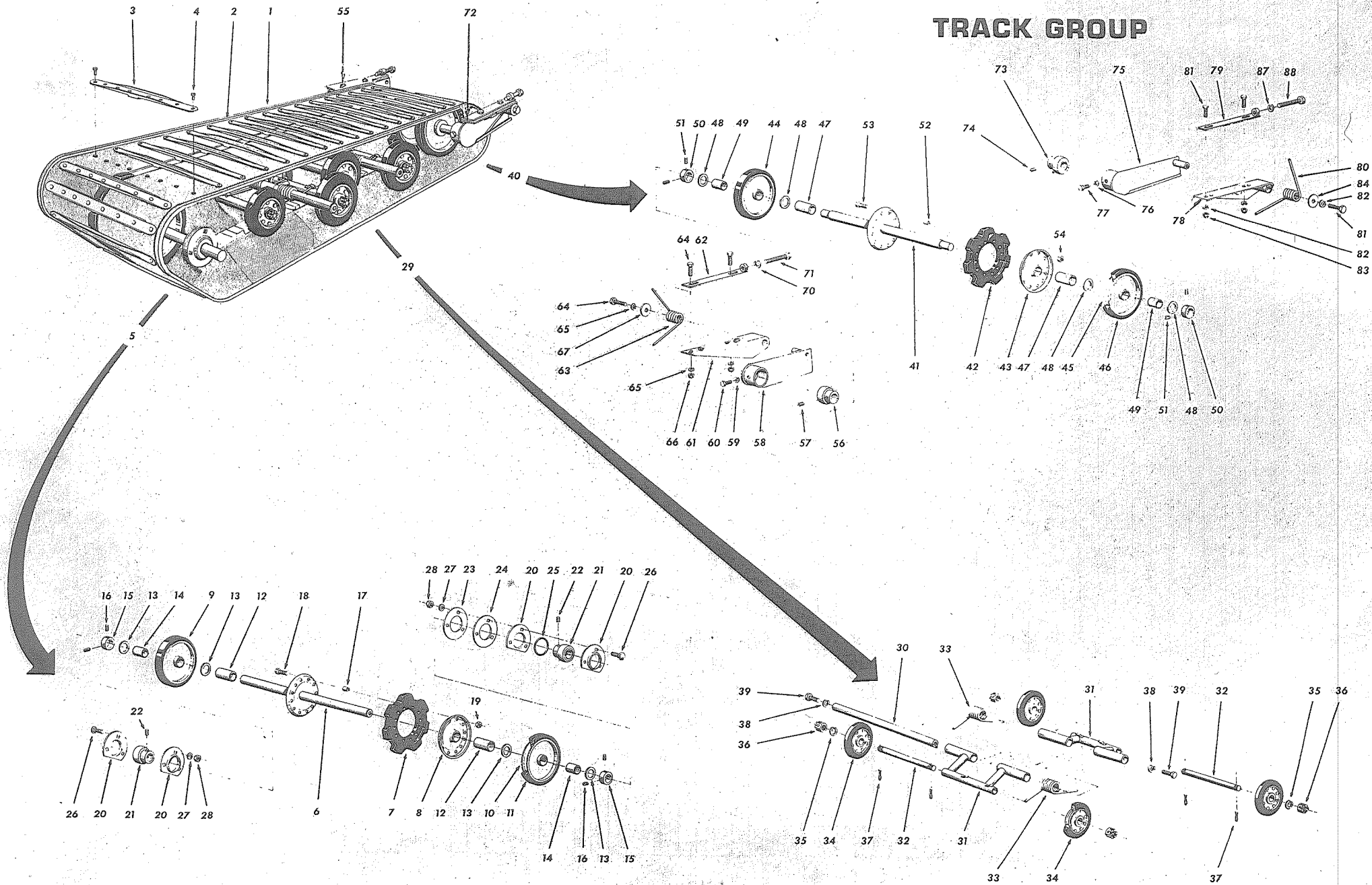
ET BODY AND TRIM GROUP

Exploded view diagram of the ET Body and Trim Group, showing the main motor housing (1) and various components including the upper cowl (2), lower cowl (3), trim plate (4), and the lower unit (50). The diagram includes numerous numbered callouts (1-57) identifying specific parts and fasteners. The main housing (1) features the "FISH CATT" logo. The lower unit (50) includes the propeller (51) and the transom bracket (52). The diagram illustrates the assembly of the motor body and trim components.

TRACK GROUP

ITEM NO.	OLD PART NUMBER		NEW PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	STANDARD	COLT	STANDARD	COLT			
1		11660		1510103	TRACK ASSEMBLY	1	
2		11668		5410024	TRACK BELT		2
3		11560		5240007	CLEAT		33
4		11423		7621401	POP RIVIT 3/16 DIA.		264
5		12091		1590101	DRIVE SHAFT ASSEMBLY	1	
6		11477		1590102	DRIVE SHAFT		1
7		11089		5410005	RUBBER SPROCKET		1
8		11404		5221002	SPROCKET FLANGE		1
9		11291		1593002	IDLER PULLEY ASSEMBLY		2
10		11291-A		1594002	IDLER PULLEY FLANGE		2
11		10561		5410004	FLAT RUBBER TIRE		2
12		11674		5330009	SHAFT SPACER		2
13		767-P61		7556501	MACHINERY BUSHING 1" I.D. X 1 1/2 O.D. X 18 GA.		4
14		11508		3564501	BUSHING		2
15		11370		5010008	SET COLLAR		2
16		11835		7512308	5/16-18 X 5/16 SOC. HD. SET SCREW		4
17		11414		5010006	SPROCKET SPACER		12
18		11290		7512103	1/4-20 X 1" HEX. HD. CAP SCREW		12
19		11828		7542103	1/4-20 FLEX LOCK NUT		12
20		11405		5221019	FLANGETTES		4
21		10392		3514501	BEARING WITH LOCK COLLAR 1" ID		2
22		11736		7512105	1/4-20 X 1/4 SOC. HD. SET SCREW		2
23		11631		5210004	BEARING PLATE		1
24		11507		5810002	GASKET		1
25		11509		5410009	"O" RING		1
26		770-P61		7512301	5/16-18 X 3/4 CARRIAGE BOLT		6
27		11652		7558402	5/16 SAE WASHER		6
28		11831		7542302	5/16-18 LOCK NUT		6
29		11782		1540103	BOGIE ASSEMBLY	2	
30		11634		5020001	CENTER SHAFT		1
31		11766		1540201	BOGIE TUBE		2
32		11767		5020002	BOGIE WHEEL SHAFT		2
33		10963		7040105	BOGIE SPRING		3
34		11804		1543001	BOGIE WHEEL		4
35		763		7553401	5/8 LOCK WASHER		2
36		10897		7542801	5/8-11 CASTLE NUT		4
37		10028		7661401	1/8 X 1" COTTER PIN		4
38		743		7553001	3/8 LOCK WASHER		2
39		10245		7512401	3/8-16 X 1" NYLOCK HEX. HD. CAP SCREW		2
40		12402		1591001	IDLER SHAFT ASSEMBLY	1	
41		11479		1591002	IDLER SHAFT		1
42		11089		5410005	RUBBER SPROCKET		1
43		11404		5221002	SPROCKET FLANGE		1
44		11291		1593002	IDLER PULLEY ASSEMBLY		2
45		11291-A		1594002	IDLER PULLEY FLANGE		2
46		10561		5410004	FLAT RUBBER TIRE		2
47		11674		5330009	SHAFT SPACER		2
48		767-P61		7556501	MACHINERY BUSHING 1" I.D. X 1 1/2 O.D. X 18 GA.		4
49		11508		3564501	BUSHING		2
50		11370		5010008	SET COLLAR		2
51		11835		7512308	5/16-18 X 5/16 SOC. HD. SET SCREW		4
52		11414		5010006	SPROCKET SPACER		12
53		11290		7512103	1/4-20 X 1" HEX. HD. CAP SCREW		12
54		11828		7542103	1/4-20 FLEX LOCK NUT		12
55				1542509	RIGHT HAND TAKE UP ASSEMBLY	1	
56		559		3513901	BEARING WITH LOCK COLLAR		1
57		11836		7512105	1/4-20 X 1/4 SOC. HD. SET SCREW		1
58		11765		1542506	IDLER ARM		1
59		741		7552801	1/4 LOCK WASHER		1
60		11277		7512106	1/4-28 X 3/8 HEX. HD. CAP SCREW		1
61		11757		1542508	HANGER ARM		1
62		11749		1542507	ADJUSTMENT PLATE		1
63				7040106	SPRING		1
64		10152		7512304	5/16-18 X 1" NYLOCK HEX. HD. CAP SCREW		3
65		742		7552901	5/16 LOCK WASHER		3
66		11820		7542303	5/16-18 LOCK NUT		2
67		11796		7555701	5/16 I.D. X 1 1/2 O.D. X 1/8 WASHER		1
68							
69							
70		743		7553001	3/8 LOCK WASHER		1
71		732		7512403	3/8-16 X 2 1/2 HEX. HD. MACHINE SCREW		1
72				1542510	LEFT HAND TAKE UP ASSEMBLY	1	
73		559		3513901	BEARING WITH LOCK COLLAR		1
74		11836		7512105	1/4-20 X 1/4 SOC. HD. SET SCREW		1
75		11764		1542505	IDLER ARM		1
76		741		7552801	1/4 LOCK WASHER		1
77		11277		7512106	1/4-28 X 3/8 HEX. HD. CAP SCREW		1
78		11756		1542511	HANGER ARM		1
79		11749		1542507	ADJUSTMENT PLATE		1
80				7040107	SPRING		1
81		10152		7512304	5/16-18 X 1" NYLOCK HEX. HD. CAP SCREW		3
82		742		7552901	5/16 LOCK WASHER		3
83		11820		7542303	5/16-18 LOCK NUT		2
84		11796		7555701	5/16 I.D. X 1 1/2 O.D. X 1/8 WASHER		1
85							
86							
87		743		7553001	3/8 LOCK WASHER		1
88		732		7512403	3/8-16 X 2 1/2 HEX. HD. MACHINE SCREW		1

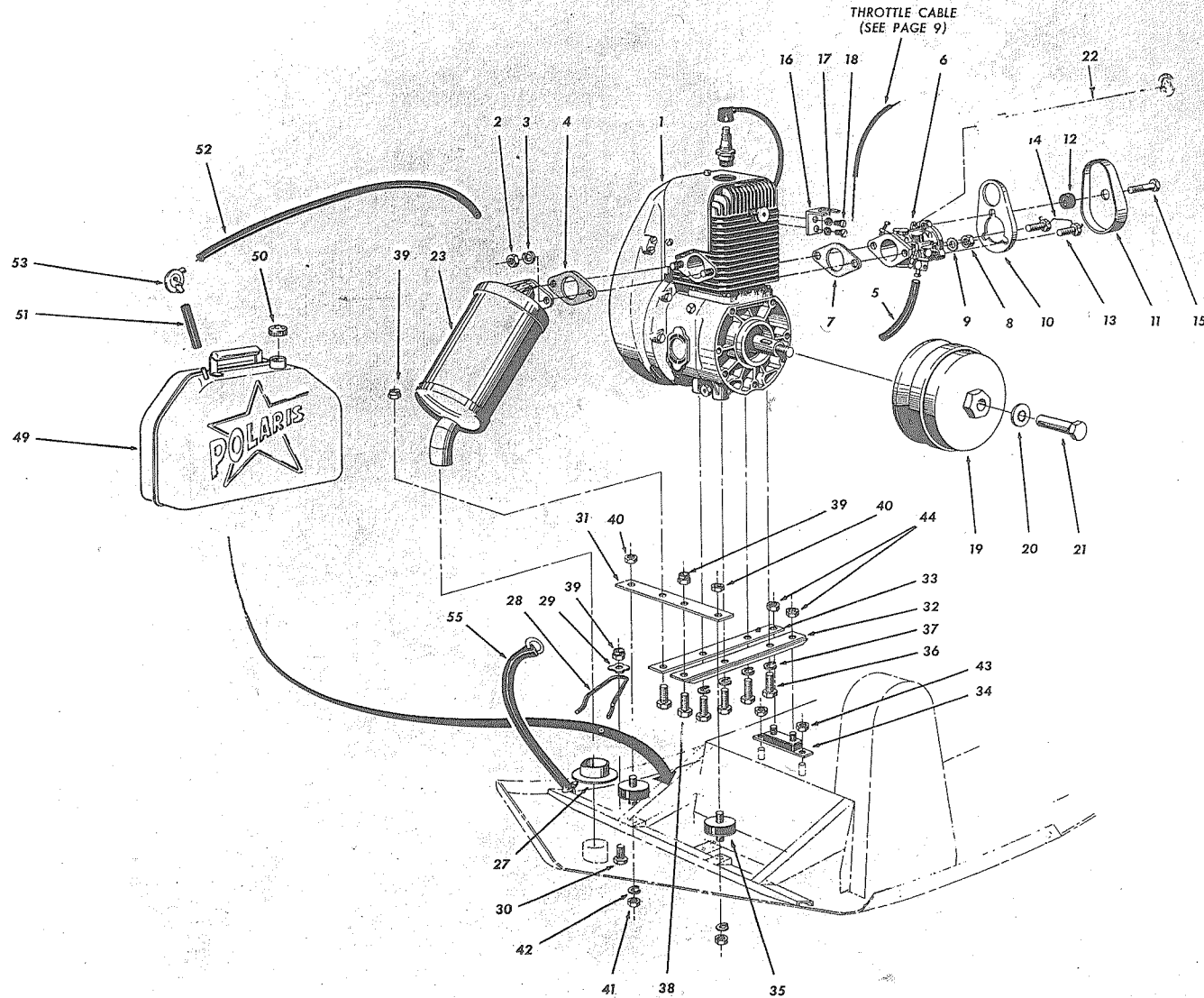
TRACK GROUP



ENGINE MOUNTING-275_{cc} SACHS

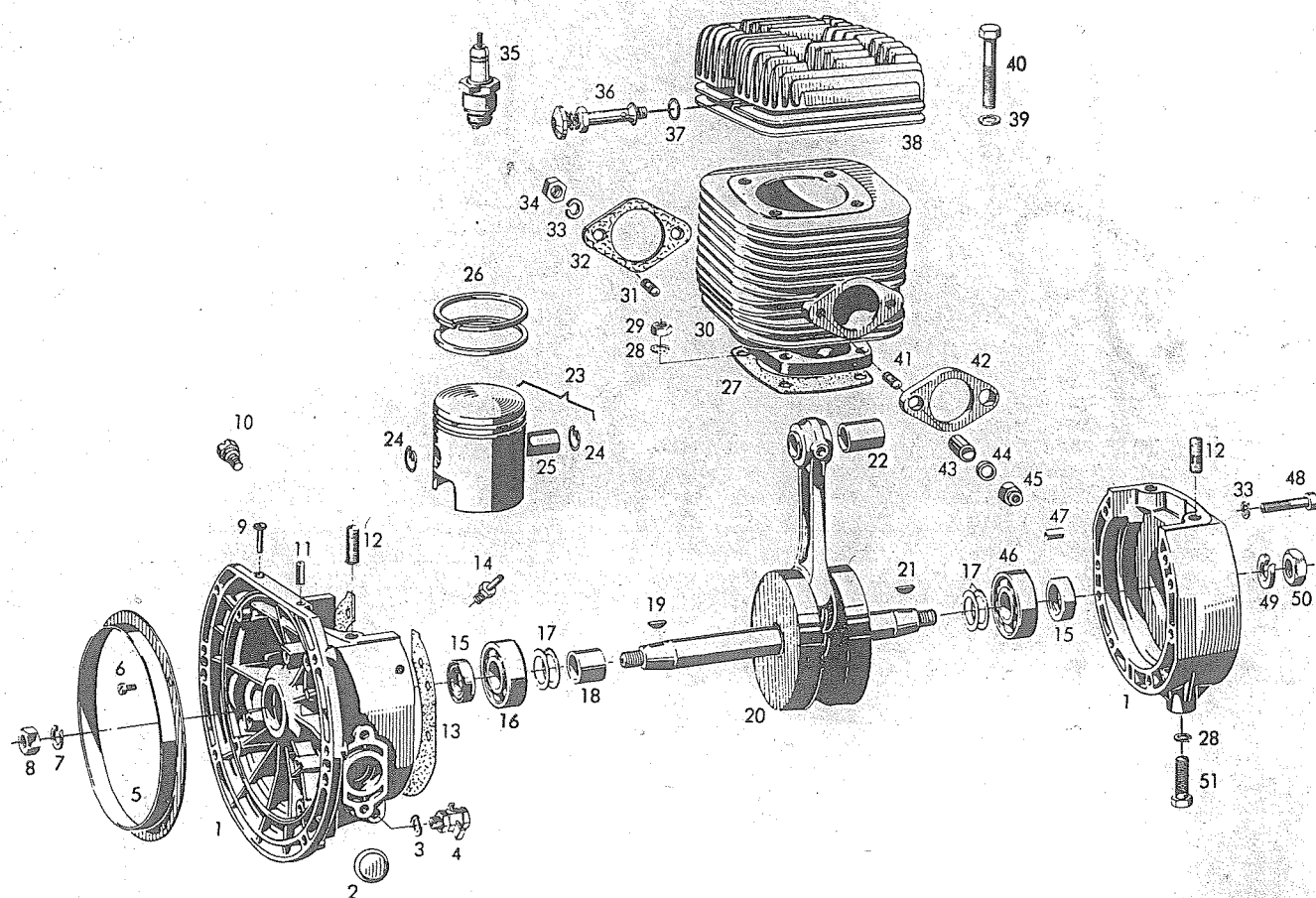
ITEM NO.	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
	12430	1201201	ENGINE (COMPLETE)	1	
1	12429	1211201	ENGINE (ONLY)		1
2			HEX. NUT		4
3			WASHER		4
4			GASKET		1
5			IMPULSE LINE (INCLUDED WITH ENGINE)		1
6	11992	1251001	CARBURETOR -- HR3B		1
7			GASKET (INCLUDED WITH CARB)		1
8			HEX. NUT		2
9			WASHER		2
10	11999-B	5221016	AIR BAFFLE ATTACHING PLATE		1
11	11999-A	5230003	AIR BAFFLE COVER		1
12	12068	5410011	RUBBER GROMMET		1
13	12067	7512109	1/4-20 X 3/4 HEX. HD. CAP SCREW		2
14	12066	5311005	SAFETY WIRE		1
15	11289	7512110	1/4-20 X 2 HEX. HD. CAP SCREW		1
16	12099	5223130	THROTTLE BRACKET		1
17			LOCK WASHER		2
18			FILLISTER HD. SCREW		2
19	11852	1321004	DRIVE CLUTCH		1
20	11438	7575701	13/16 INT. LOCK WASHER		1
21	11958	5020012	RETAINING BOLT		1
22	11969	7080011	CHOKE CONTROL	1	
23	12145	1260018	MUFFLER	1	
24					
25					
26					
27	11728	1260004	EXHAUST OUTLET CAP	1	
28	11847	7042001	MUFFLER SPRING	1	
29	11834	7577801	1/4 INT. EXT. LOCK WASHER	1	
30	11290	7512103	1/4-20 X 1 HEX. HD. CAP SCREW	1	
31	11481	7043005	ENGINE LEAF SPRING	1	
32	12093	5210096	L.H. ENGINE MOUNT	1	
33	12092	5210097	R.H. ENGINE MOUNT	1	
34	11527	3110002	RECTANGULAR MOUNT	1	
35	11526	3110001	ROUND ENGINE MOUNT	2	
36			10 X 40 MM HEX. HD. SCREW	4	
37			10 MM LOCK WASHER	4	
38	796	7512407	3/8-16 X 1 1/4 HEX. HD. CAP SCREW	2	
39	11819	7542402	3/8-16 FLEX LOCK NUT	2	
40	11824	7542403	3/8-24 FLEX LOCK NUT	2	
41	10149	7542401	3/8-24 HEX. NUT	2	
42	743	7553001	3/8 LOCK WASHER	2	
43	11820	7542303	5/16-18 FLEX LOCK NUT	2	
44	12178	7542304	5/16-24 FLEX LOCK NUT	2	
45					
46					
47					
48					
49	11780	2511001	GAS TANK	1	
50	11696	2511002	GAS CAP	1	
51	11790	5420010	GAS LINE	1	
52	11790	5420010	GAS LINE	1	
53	11666	2530001	GAS FILTER	1	
54					
55	11791	5420001	HOLD DOWN STRAP	1	

ENGINE MOUNTING-275cc SACHS



ENGINE PARTS-275_{CC} SACHS

CRANKCASE, CRANKSHAFT, CYLINDER



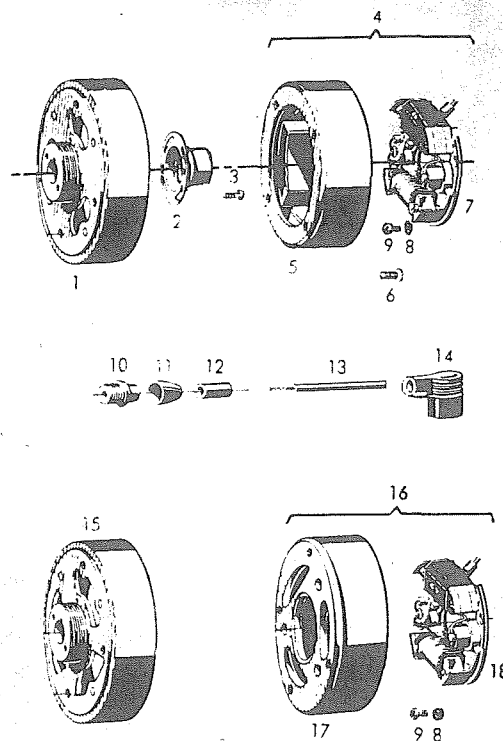
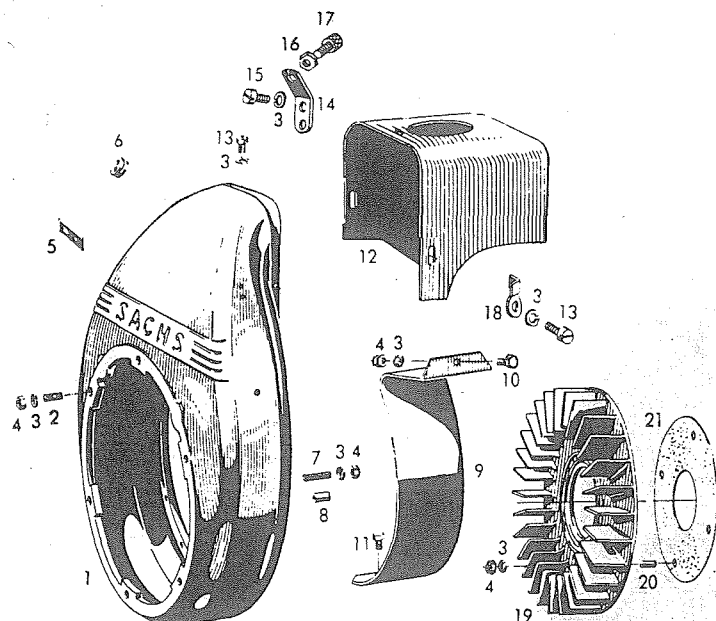
ENGINE PARTS-275cc SACHS

CRANKCASE, CRANKSHAFT, CYLINDER

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	ITEM NO.	PART NO.	PART DESCRIPTION	QTY.
1	1487 001 106	CRANKCASE ASSY. INCL. DOWEL AND GASKET	1	24	0945 062 000	CIRCLIP	2
2	1444 012 000	COVER	2	25	0916 011 000	PISTON PIN	1
3	0950 014 001	WASHER	1	26	1415 001 005	PISTON RING 71.0 MM Ø	2
4	0972 004 105	OIL DRAIN COCK	1		1415 001 006	PISTON RING 71.5 MM Ø	2
5	0970 148 000	LABYRINTH RING	1		1415 001 007	PISTON RING 72.0 MM Ø	2
6	0940 047 000	FILLISTER HEAD SCREW M 5 x 7	4		1415 001 008	PISTON RING 72.5 MM Ø	2
7	0245 023 007	SPRING WASHER FOR M 14	1	27	1450 017 000	GASKET	1
8	0942 020 001	HEX. NUT M 14 x 1.5	1	28	0245 023 004	SPRING WASHER FOR M 10	8
9	0963 010 000	PLUG	1	29	0242 009 000	HEXAGON NUT M 10	8
10	0241 023 000	HEXAGON SCREW	1	30	1487 005 120	CYLINDER ASSY. INCL. 2 ONLY STUDS NO. 0240 002 101 2 ONLY STUDS NO. 0940 017 111	1
11	1964 004 000	INSULATING TUBE, 25 MM LONG	1	31	0940 017 111	STUD M 8 x 20 (EXHAUST SIDE)	2
12	0940 040 101	STUD M 10 x 16	4	32	0950 026 001	GASKET	1
13	0950 137 000	GASKET	1	33	0245 023 003	SPRING WASHER FOR M8	8
14	1440 026 000	UNION	1	34	0242 020 000	HEXAGON NUT M 8	2
15	0930 015 001	OIL SEAL 25 x 35 x 7/9 B 1	2	35	0699 104 001	SPARK PLUG M 240 T 1	1
16	0632 017 201	CYLINDRICAL ROLLER BEARING NJ 205/E/C 3 NA (FLYWHEEL SIDE)	2	36	0986 154 000	DECOMPRESSOR	1
17	0944 117 000	SHIM 25.5 x 31.8 x 0.5	AS REQ.	37	0230 015 000	WASHER	1
	0944 117 001	SHIM 25.5 x 31.8 x 1.0		38	1413 004 102	CYLINDER HEAD FOR ENGINES WITH DECOMPRESSOR	
	0944 117 002	SHIM 25.5 x 31.8 x 2.0		39	0944 043 000	WASHER	4
	0944 117 003	SHIM 25.5 x 31.8 x 0.1		40	0940 056 000	HEXAGON SCREW M 10 x 55	4
	0944 117 004	SHIM 25.2 x 31.8 x 0.15		41	0240 002 101	STUD M 6 x 22 (CARBURETTOR SIDE)	2
	0944 117 005	SHIM 25.5 x 31.8 x 0.2		42	1450 007 005	INSULATION FLANGE	1
18	1447 005 000	SPACER BUSH	1	43	1447 006 000	INSULATION BUSHING	2
19	0246 001 001	KEY ON FLYWHEEL SIDE 12.6 x 5 x 3	1	44	1350 010 000	INSULATION WASHER	2
20	1488 004 004	CRANKSHAFT	1	45	0942 117 002	HEX NUT M-6	2
21	0946 001 100	KEY ON POWER TAKE-OFF SIDE 19 x 7.5 x 6	1	46	1432 021 001	CYLINDRICAL ROLLER BEARING NJ 305/E/C3NA	1
22	0932 059 005	SMALL END BUSH	1	47	0929 009 000	DOWEL TUBE 8.4 x 15	2
23	1486 029 015	PISTON ASSY. 71.0 MM Ø STANDARD SIZE	1	48	1940 039 000	HEX SOC. HD. SCR. M 8 x 35	6
	1486 029 016	PISTON ASSY. 71.5 MM Ø 1ST OVERSIZE	1	49	0245 023 008	SPRING WASHER FOR M16	1
	1486 029 017	PISTON ASSY. 72.0 MM Ø 2ND OVERSIZE	1	50	0942 028 201	HEX NUT M16 x 1.5	1
	1486 029 018	PISTON ASSY. 72.5 MM Ø 3RD OVERSIZE	1	51	0240 064 000	HEX SCR. M 10 x 40	1

ENGINE PARTS-275cc SACHS

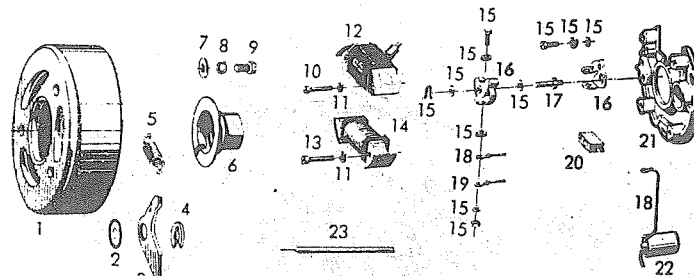
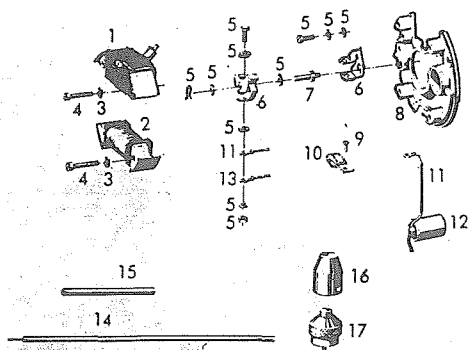
FAN HOUSING, FLYWHEEL MAGNETO



ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	ITEM NO.	PART NO.	PART DESCRIPTION	QTY.
1	1487 009 203	FAN HOUSING ASSY. INCLUDING 6 STUDS 0240 002 101 6 STUDS 0240 075 301	1	1	1418 009 000	MAGNETO HOUSING	1
	1440 028 001	STUD M 8 X 16	2	2	0966 103 100	CONTACT BREAKER BOSS	1
	1344 011 004	WASHER	2	3	0940 099 001	FILLISTER HEAD SCREW M 5 X 6	4
	0242 020 000	HEXAGON NUT M 8 (TO FASTEN MOUNTING BRACKET ON FAN HOUSING)	2	4	0983 112 010	FLYWHEEL MAGNETO BOSCH 6 VOLT- 36 WATT	1
2	0240 075 301	STUD M 6 X 15 (STARTER SIDE)	6		0986 209 105	FLYWHEEL MAGNETO BOSCH 6 VOLT/17 WATT	
3	0245 023 002	SPRING WASHER FOR M 6	16	5	0986 331 001	FLYWHEEL 36 WATT	1
4	0316 057 002	HEXAGON NUT M 6	13	6	0940 120 200	SCREW M 6 X 22 CROSS-SLOTTED	4
5	0999 036 100	DIRECTION INDICATING PLATE (ARROW)	1	7	0986 330 006	ARMATURE PLATE ASSY. 36 WATT	1
6	0260 020 000	RUBBER GROMMET	1	8	0244 054 002	WASHER	3
7	0240 002 101	STUD M 6 X 20 (CRANKCASE SIDE)	6	9	0240 056 001	FILLISTER HEAD SCREW M 5 X 12	3
8	0929 009 000	DOWEL TUBE 8.4 X 15	2	10	0965 110 000	CABLE CONNECTOR	1
9	0970 145 000	DEFLECTOR	1	11	0265 036 000	RUBBER CAP	1
10	0240 038 002	HEXAGON SCREW M 6 X 12	2	12	0960 022 000	RUBBER SLEEVE	1
11	0240 077 001	HEXAGON SCREW M 6 X 8	1	13	0665 016 101	IGNITION CABLE 400 MM LONG (15 3/4 INS.)	1
12	1444 014 002	COVER	1	14	2765 005 000	SPARK PLUG CONNECTOR	1
	1444 014 003	COVER (FOR ENGINE WITH CARBURETTOR ON LEFT HAND SIDE)	1		0288 091 000	SPARK PLUG CONNECTOR (MARKET WITH "S")	1
13	0941 057 000	FILLISTER HEAD SCREW	3	15	*1418 011 000	MAGNETO HOUSING	1
14	1451 015 100	SUPPORT FOR BOWDEN CABLE	1	16	*1483 008 000	FLYWHEEL MAGNETO BOSCH 12 VOLT/40 WATT	1
	0245 023 002	SPRING WASHER FOR M 6	2	17	*1483 011 000	FLYWHEEL 12 VOLT/40 WATT COMPLETE WITH CENTRIFUGAL WEIGHT AND CONTACT BREAKER BOSS	1
15	0940 008 001	FILLISTER HEAD SCREW	2	18	*1483 010 000	ARMATURE PLATE ASSY. 12 VOLT/40 WATT	1
16	0261 020 000	HEXAGON NUT	1				
17	0261 001 000	ADJUSTMENT SCREW	1				
18	0951 071 200	CLIP	1				
19	0966 111 100	FAN	1				
20	0940 101 201	STUD M 6 X 12	4				
21	0950 141 000	GASKET	1				
	1465 004 000	4-POLE TERMINAL	1				
	1440 030 001	SELF-TAPPING SCREW EM 4 X 15	2				

ENGINE PARTS-275_{cc} SACHS

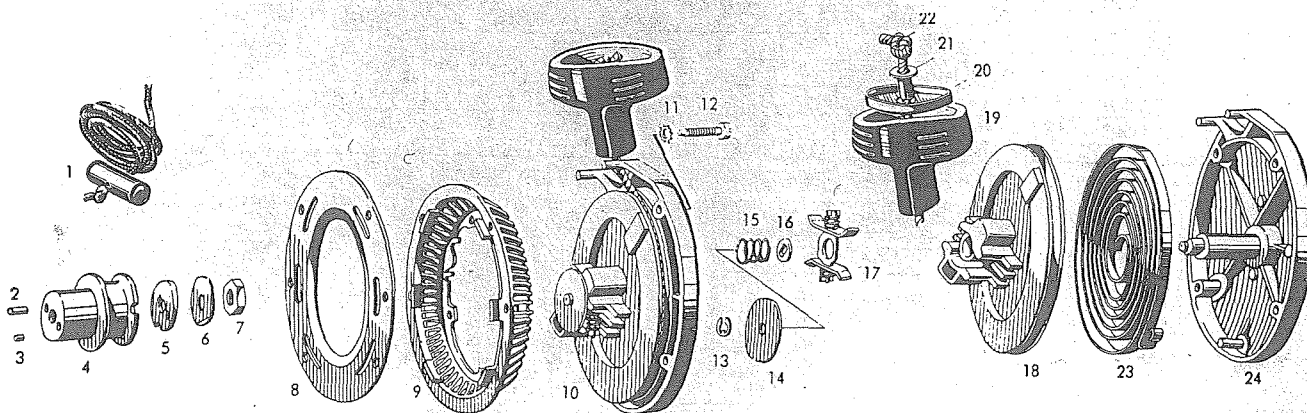
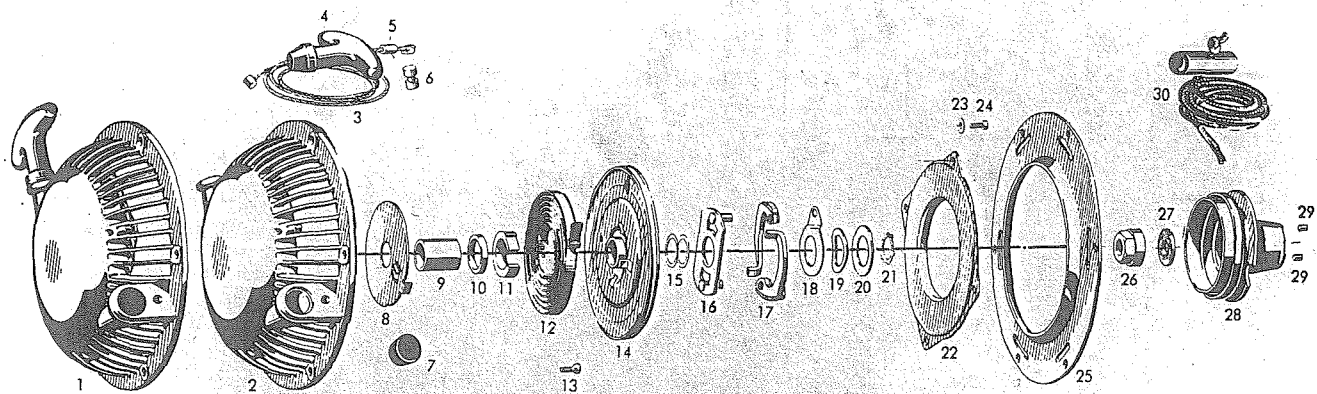
SPARE PARTS FOR FLYWHEEL MAGNETO



ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	ITEM NO.	PART NO.	PART DESCRIPTION	QTY.
	0983 112 010	FLYWHEEL MAGNETO 6 VOLT/36 WATT	1		1483 008 000	FLYWHEEL MAGNETO 12 VOLT 40 WATT	1
1/1	0965 116 000	IGNITION ARMATURE	1	11/1	*1483 011 000	FLYWHEEL CPL. WITH CENTRIFUGAL WEIGHT AND CONTACT BREAKER BOSS	1
2	0965 115 001	LIGHTING ARMATURE 36 WATT	1				
3	0246 023 001	SPRING WASHER FOR M5	4	2	*1444 019 000	WASHER	1
4	0940 123 000	FILLISTER HEAD SCREW	4	3	*1465 007 000	CENTRIFUGAL WEIGHT	1
5	0283 107 000	CONTACT BREAKER ASSY.	1	4	*0945 111 000	SECURING WASHER	1
6	0283 106 000	CONTACT BREAKER PLATE WITH CONTACT BREAKER ARM 36 WATT	1	5	*1439 008 000	SPRING	1
7	0240 066 009	PIVOT PIN	1	6	*1423 001 000	CONTACT BREAKER BOSS	1
8	0965 117 000	ARMATURE BASE PLATE	1	7	*1444 020 000	WASHER	3
9	0243 033 000	RIVET	1	8	*0245 023 000	SPRING WASHER FOR M4	3
10	0265 081 000	LUBRICATING PAD TO BE RIVETED	1	9	*2015 142 000	FILLISTER HEAD SCREW	3
	2865 008 000	LUBRICATING PAD TO BE PRESSED IN	1	10	*0640 009 000	FILLISTER HEAD SCREW M 5 X 25	2
11	0965 120 000	CONNECTING CABLE TO CONDENSER	1	11	*0245 023 001	SPRING WASHER FOR M5	4
12	0965 091 000	CONDENSER	1	12	*0965 116 000	IGNITION ARMATURE	1
13	1483 009 000	SHORT CIRCUIT CABLE 1200 MM LONG (47 3/4 INS.)	1	13	*0940 123 000	FILLISTER HEAD SCREW M 5 X 28	2
14	0299 059 009	LIGHTING CABLE (STATE LENGTH)	1	14	*0965 115 000	LIGHTING ARMATURE	1
15	1964 004 000	INSULATION TUBE 25 MM LONG (1 IN.)	1	15	*0283 107 000	CONTACT BREAKER ASSY.	1
16	0960 107 000	PROTECTION CAP	1	16	*0283 101 100	CONTACT BREAKER PLATE WITH CONTACT BREAKER ARM	1
17	0965 154 005	SHORT CIRCUIT BUTTON	1	17	*0240 066 009	PIVOT PIN	1
				18	*0965 120 000	CONNECTING CABLE TO CONDENSER	1
				19	*0299 059 007	SHORT CIRCUIT CABLE (STATE LENGTH)	1
				20	*2865 008 000	LUBRICATING PAD	1
				21	*1465 003 000	ARMATURE BASE PLATE	1
				22	*0965 091 000	CONDENSER	1
				23	*0299 059 009	LIGHTING CABLE (STATE LENGTH)	1
					1483 012 000	EARD LEAD (4-23/32 INS.)	1
					0260 121 001	INSULATING TUBE 120 MM (4-23/32 INS.) LONG FOR LIGHTING- AND SHORT CIRCUIT CABLE	1

ENGINE PARTS-275_{cc} SACHS

RECOIL STARTER



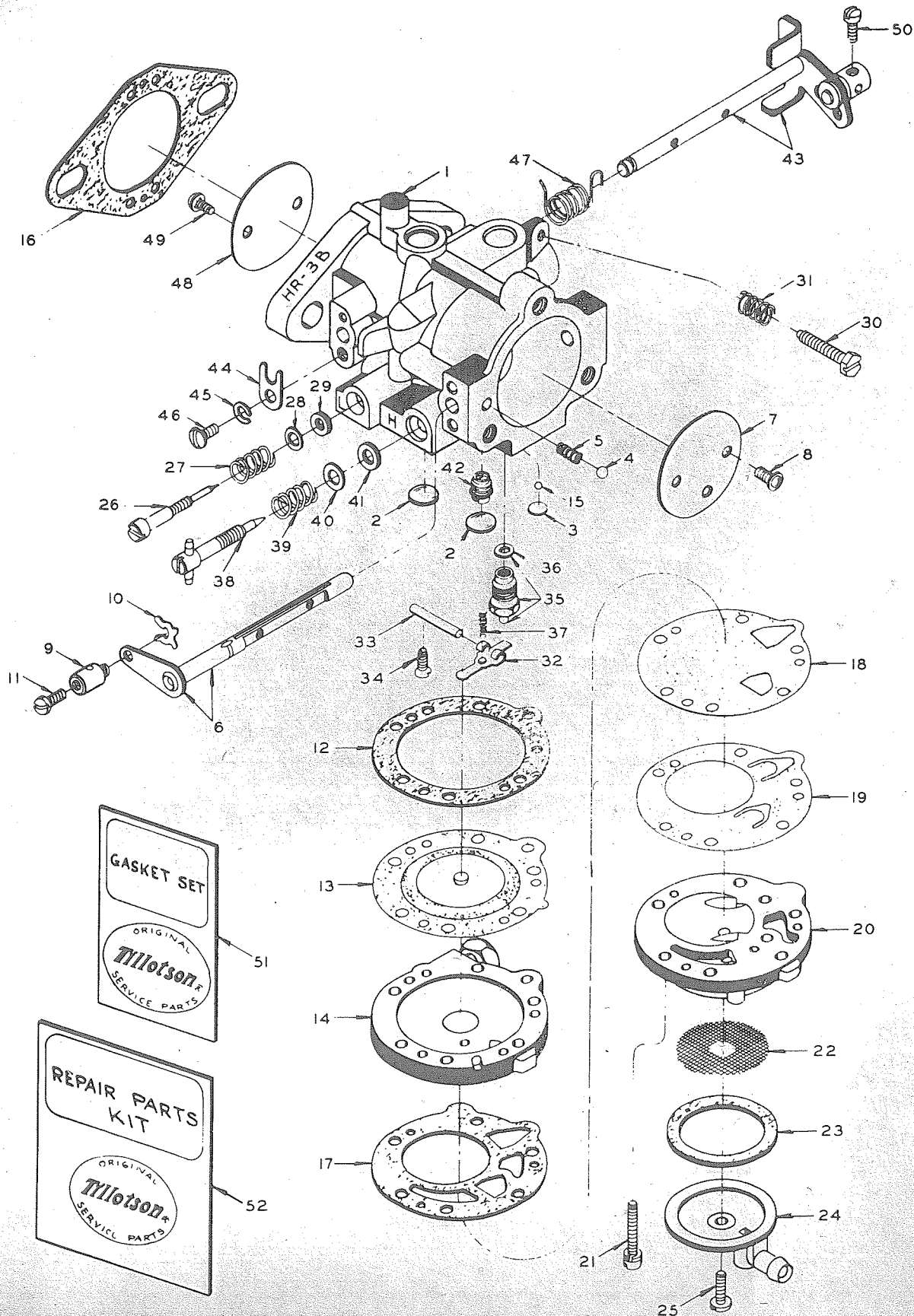
ENGINE PARTS-275cc SACHS

RECOIL STARTER

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	ITEM NO.	PART NO.	PART DESCRIPTION	QTY.
1/1	*1470 007 000	RECOIL STARTER ASSY. ANTI-CLOCKWISE ROTATION	1	11/1	0986 518 101	ROPE	1
	*1470 007 005	RECOIL STARTER ASSY. CLOCKWISE ROTATION	1	2	1449 003 100	PIN	1
2	*0986 464 002	STARTER CASING INCLUDING	1	3	0232 014 000	ROLLER	1
		1 WASHER 0944 014 100		4	1452 007 000	STARTER CUP	1
		1 BEARING BUSH 1432 001 100		5	0944 150 001	WASHER	1
		1 SECURING RING 1445 001 000		6	1445 003 000	LOCK WASHER	1
		AND WASHERS 2644 003 000/003		7	1442 001 001	HEXAGON NUT M 14 X 15	1
		AS REQUIRED		8	0970 150 000	COVER	1
3	*1470 005 000	ROPE 1800 MM LONG (70-7/8 INS.) CPL. WITH SOLDER NIPPLE 0999 126 000	1	9	1411 033 000	SCREEN	1
4	*0986 473 000	STARTER GRIP WITH SPRING WASHER 0939 127 000	1	10	1470 010 000	FAIRBANKS RECOIL STARTER ASSY. NO. 475-1114 ANTI-CLOCKWISE ROTATION	1
5	*0947 103 000	CLAMP	1		1470 010 005	FAIRBANKS RECOIL STARTER ASSY. NO. 475-1114 CLOCKWISE ROTATION	1
6	*0949 004 100	PIN	1	11	0245 023 001	SPRING WASHER FOR M X 5	4
7	*0960 000 100	CAP	1	12	1440 021 000	SELF-TAPPING SCREW 3/16 X 15	4
8	*0944 014 100	CHECK WASHER	1	13	1445 009 000	SNAP RING	1
9	*1432 001 100	BUSH	1	14	1444 016 000	DISC	1
10	*0947 122 000	SPACER	1	15	1439 005 000	BRAKE SPRING	1
11	*0947 100 000	SUPPORTING RING	1	16	1444 015 000	FIBRE WASHER	2
12	*0939 002 001	RECOIL SPRING	1	17	1452 009 000	FRICTION SHOE ASSY.	1
13	*0943 100 100	RIVET	1	18	1452 008 000	ROPE PULLEY	1
14	*1470 015 000	ROPE PULLEY	1	19	1452 010 000	STARTER GRIP	1
15	*2644 003 000	SHIM 25.3 X 31 X 0.15	AS REQ.	20	1444 017 000	HANDLE INSERT	1
	*2644 003 001	SHIM 25.3 X 31 X 0.3		21	1443 001 000	RIVET 6 X 10 MM	1
	*2644 003 002	SHIM 25.3 X 31 X 0.5		22	1452 011 000	STARTER ROPE	1
	*2644 003 003	SHIM 25.3 X 31 X 0.8		23	1439 004 000	RECOIL SPRING	1
16	*1486 017 000	STOP PLATE ASSY.	1	24	1411 035 000	COVER ASSY.	1
17	*0986 458 005	STARTER LEVER ASSY. ANTI-CLOCKWISE ROTATION	1				
	*0986 458 015	STARTER LEVER ASSY. CLOCKWISE ROTATION	1				
18	*1444 009 000	FRICTION WASHER	1				
19	*1445 006 000	WASHER 22.5 X 29	1				
20	*2844 011 000	SHIM 22.2 X 32 X 0.5	AS REQ.				
	*2844 011 001	SHIM 22.2 X 32 X 0.3					
21	*1445 001 000	SECURING RING	1				
22	*0970 151 000	COVER	1				
23	*0843 081 101	WASHER	4				
24	*0941 078 000	FILLISTER HEAD SCREW M 5 X 12	4				
25	*0970 150 000	COVER	1				
26	*0642 008 000	NUT M 14 X 1.5	1				
27	*0944 132 100	WASHER	1				
28	*1470 006 000	STARTER CUP CPL. WITH EMERGENCY STARTING DEVICE	1				
29	*0232 014 000	ROLLER 4 X 8 MM	2				
30	*0986 518 101	ROPE	1				

TILLOTSON CARBURETOR-HR3B

USED ON: 275cc SACHS



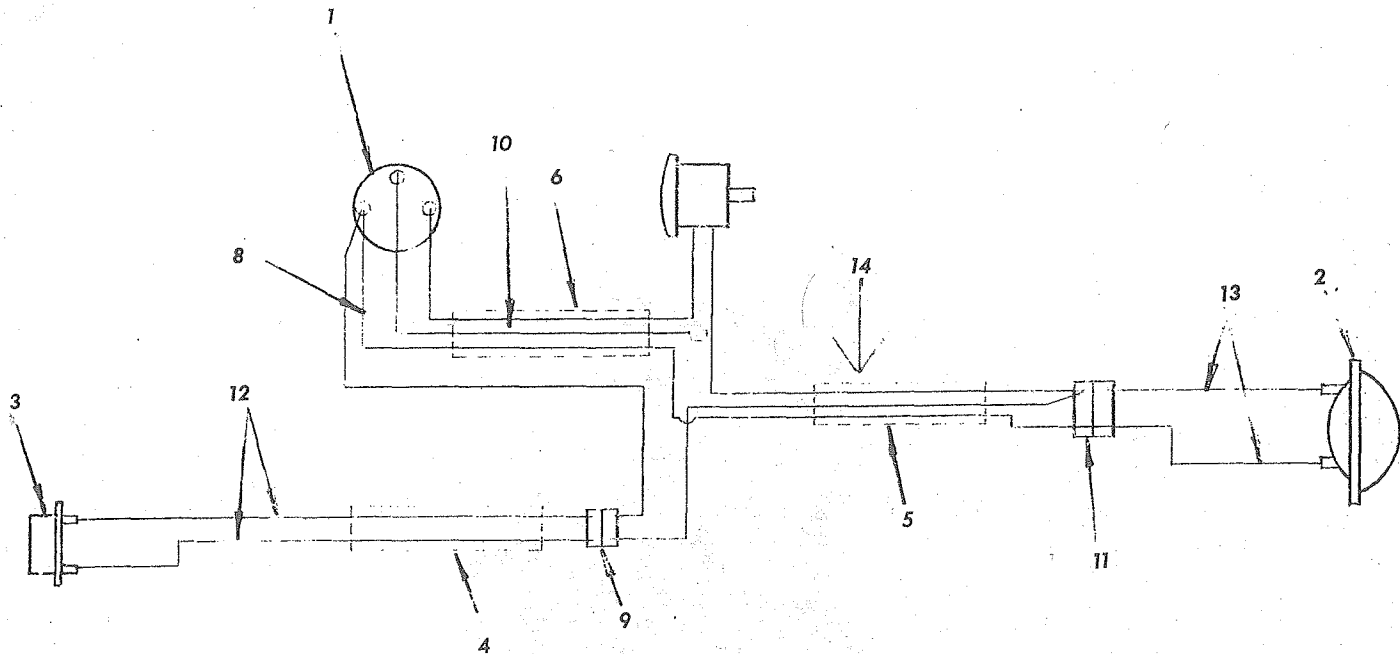
TILLOTSON CARBURETOR-HR3B

ITEM NO.	PART NUMBER	PART DESCRIPTION	QTY.
1	014636	BODY (SERVICE)	1
2	02531	*BODY CHANNEL WELCH PLUG	2
3	013737	*BODY CHANNEL WELCH PLUG	1
4	04784	CHOKE FRICTION BALL	1
5	08805	CHOKE FRICTION SPRING	1
6	014359	CHOKE SHAFT & LEVER	1
7	014621	CHOKE SHUTTER	1
8	08942	CHOKE SHUTTER SCREW & LOCKWASHER	2
9	010393	CHOKE WIRE CONNECTION	1
10	010392	CHOKE WIRE CONNECTION RET. CLIP	1
11	058	*CHOKE WIRE RET. SCREW	1
12	012473	DIAPHRAGM GASKET	1
13	012475	*DIAPHRAGM	1
14	014402	DIAPHRAGM COVER	1
15	05322	ECONOMISER CHECK BALL	1
16	014319	FLANGE GASKET	1
17	012930	FUEL PUMP GASKET	1
18	014230	*FUEL PUMP DIAPHRAGM (PULSE)	1
19	014229	*FUEL PUMP DIAPHRAGM (VALVE)	1
20	013335	FUEL PUMP BODY	1
21	010098	FUEL PUMP BODY SCREW & LOCKWASHER	6
22	011516	*FUEL STRAINER SCREEN	1
23	010529	FUEL STRAINER COVER GASKET	1
24	010527	FUEL STRAINER COVER	1
25	010571	*FUEL STRAINER COVER RET. SCREW	1
26	014321	*IDLE MIXTURE SCREW	1
27	08793	*IDLE MIXTURE SCREW SPRING	1
28	011428	IDLE MIXTURE SCREW WASHER	1
29	011401	IDLE MIXTURE SCREW PACKING	1
30	014326	*IDLE SPEED SCREW	1
31	0788	*IDLE SPEED SCREW SPRING	1
32	010513	*INLET CONTROL LEVER	1
33	013406	*INLET CONTROL LEVER FULCRUM PIN	1
34	013269	*INLET CONTROL LEVER FULCRUM PIN RET. SCREW	1
35	014602	*INLET NEEDLE, SEAT & GASKET	1
36	010165	INLET SEAT GASKET	1
37	013434	*INLET TENSION SPRING	1
38	014323	*HIGH SPEED MIXTURE SCREW	1
39	011103	*HIGH SPEED MIXTURE SCREW SPRING	1
40	03114	HIGH SPEED MIXTURE SCREW WASHER	1
41	010511	HIGH SPEED MIXTURE SCREW PACKING	1
42	014334	*NOZZLE CHECK VALVE	1
43	014361	THROTTLE SHAFT & LEVER	1
44	09678	THROTTLE SHAFT CLIP	1
45	0992	THROTTLE SHAFT CLIP LOCKWASHER	1
46	01974	THROTTLE SHAFT CLIP RET. SCREW	1
47	014324	*THROTTLE SHAFT RETURN SPRING	1
48	014320	THROTTLE SHUTTER	1
49	08942	*THROTTLE SHUTTER SCREW & LOCKWASHER	2
50	058	*THROTTLE WIRE RET. SCREW	1
51	GS-199	*GASKET & PACKING SET	1
52	RK-802	REPAIR PARTS KIT	1

(*) INDICATES CONTENTS OF REPAIR PARTS KIT

WIRING DIAGRAM

STANDARD COLT



ITEM NO.	PART NUMBER		PART DESCRIPTION	QTY. PER VEHICLE	QTY. PER ASSEM.
	OLD	NEW			
1	11798	4110002	IGNITION SWITCH	1	
2	12554	4030002	HEADLIGHT UNIT	1	
3	11846	2432003	TAIL LIGHT ASSEMBLY	1	
4	11813	4010020	LOOM (9' LONG)	1	
5	11813	4010020	LOOM (9" LONG)	1	
6	11814	4010021	LOOM (12" LONG)	1	
7					
8	11817	2460021	WIRE -- RED (27" LONG)	1	
9	11812	4020014	CONNECTOR	2	
10	11815 C	2460020	GROUND WIRE (16" LONG)	1	
11	11812	4020014	CONNECTOR	2	
12	11815 A	2460019	WIRE -- RED (60" LONG)	2	
13	11815 B	2460021	WIRE -- RED (27" LONG)	2	
14	11961	2460018	WIRING HARNESS		
15					
16					
17					
18					
19					