

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

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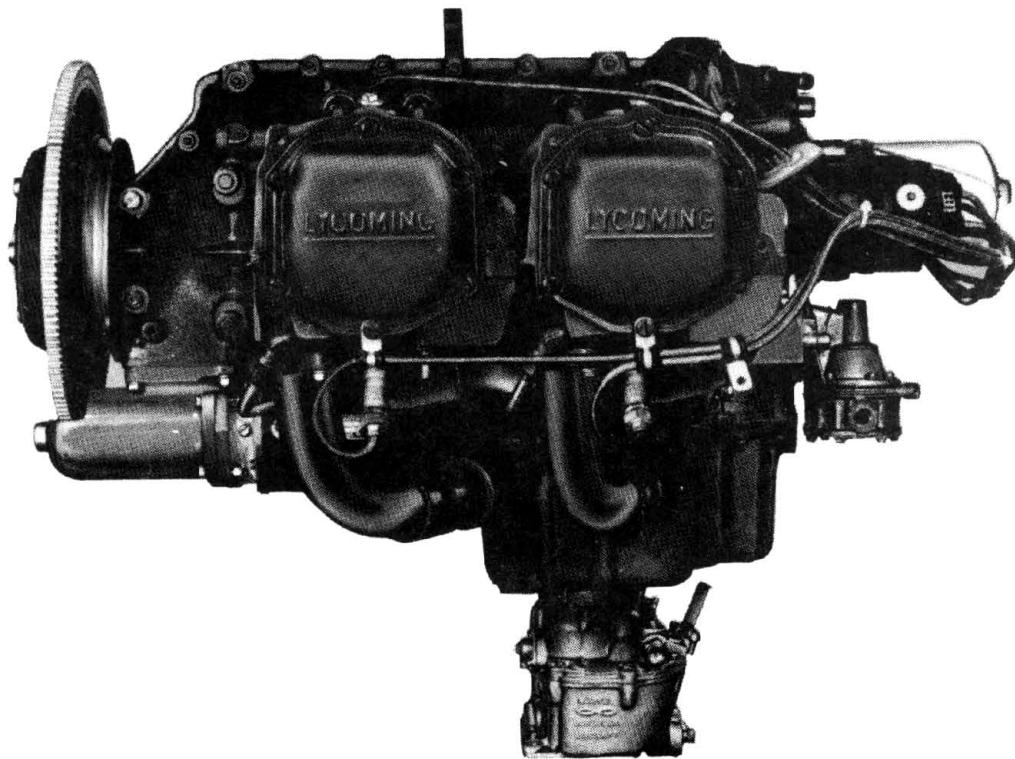
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PARTS CATALOG

PC-306-2

**Textron Lycoming O, LO, TO,-360 Series
Wide Cylinder Flange Models**

AIRCRAFT ENGINES



PRICE \$18.00

AUGUST 1981

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TO-360-F1A6D

The TO-360-F1A6D model aircraft engine is not included in the general assembly list of this parts catalog. For parts peculiar to the TO-360-F1A6D model engine, use all parts listed under the TO-360-C1A6D column except for the following parts which are different.

Ref. No.	Part No.	Description	Qty. Per Eng.
— Page 1-1 - Figure 1			
1 21	LW-15880 67556	CRANKCASE ASSEMBLY STUD, 5/16-18 x 2.00 long (Driven height of studs 1.31)	1 4
— Page 1-3 - Figure 2			
5	LW-14796	GAGE ASSY., Oil level	1
— Page 2-9 - Figure 15			
5	71140	FITTING, Breather	1
— Page 5-1 - Figure 26			
1	LW-10185	REGULATOR, 12 V., full transistor	1
— Page 5-5 - Figure 29			
2	LW-14308	ALTERNATOR, 12 V. - 60 Amp., externally grounded (ALY-8420)	1
— Page 7-1 - Figure 35			
18	LW-15887	PIPE, Exhaust, tail	1
— Page 7-3 - Figure 36			
1 7	LW-16864 LW-16863	TRANSITION, WASTEGATE AND ROD END ASSY. TRANSITION AND WASTEGATE ASSY.	1 1

INTRODUCTION

This illustrated Parts Catalog provides parts coverage for all current models of O, LO, TO-360 wide cylinder flange (WCF) series engines. These wide cylinder flange engines are identified by the suffix "A" on the engine serial number (e.g. L-20650-36A). The serial number as well as the model designation may be found on the engine nameplate on the oil sump. For parts information of the O-360 conventional (or narrow) cylinder flange engines, refer to the Parts Catalog PC-106 to those parts marked STD (meaning standard) for standard or narrow cylinder flange.

Group Assembly Section: This section lists major assemblies and sub-assemblies in the general order of engine build-up.

Service Kit Section: Seal and gasket sets and cylinder, piston and ring kits are provided in this section.

Numerical Index: Quick determination of part location in the catalog is possible thru this section when only the part number is known.

Oversize and Undersize Parts: Procurable oversize and undersize parts are listed preceding the main group assembly parts list.

Vendor Accessories: Parts coverage of Vendor Accessories used on Textron Lycoming engines may be found in the appropriate Vendor's Parts Catalog. A list of the publications appear in the latest edition of Textron Lycoming Service Letter No. L114.

SERVICE BULLETINS, INSTRUCTIONS AND LETTERS

Although the information in this catalog is up-to-date at the time of publication, user are urged to keep abreast of later information through Textron Lycoming Service Bulletins, Instructions and Letters which are available from all Textron Lycoming distributors or from the factory by subscription. Consult the latest edition of Service Letter No. L114 for Subscription information.

NOTE

The illustrations, pictures and drawings shown in this publication are typical of the subject matter they portray; in no instance are they to be interpreted as examples of any specific engines, equipment or part thereof.

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LO, TO-360 SERIES WIDE CYLINDER FLANGE**Oversize and Undersize Parts Listing**

PART NO.	DESCRIPTION	OVERSIZE							UNDERSIZE		
		P05	P075	P10	P125	P15	P20	P30	M03	M06	M10
76077	GUIDE, Valve intake	X		X				X	X		
61681	GUIDE, Valve intake	X		X				X	X		
66796	INSERT, Spark plug			X							
69260	INSERT, Spark plug			X							
69796	DOWEL, Crankshaft bearing	X									
LW-10647	DOWEL, Crankshaft bearing	X		X							
71903-A. -B	BUSHING, Counterweight	SEE SERVICE INSTRUCTION NO. 1143 FOR SIZE.									
72057	SEAT, Intake valve			X				X	X		
LW-12688	SEAT, Intake valve			X				X	X		
72058	SEAT, Exhaust valve			X				X	X		
71894	SEAT, Exhaust valve			X				X	X		
72060	BUSHING, Propeller flange	X		X		X		X			
75560	BUSHING, Propeller flange	X		X				X			
75657	BUSHING, Propeller flange	X		X				X			
72061	BUSHING, Propeller flange	X		X			X	X			
72155	BUSHING, Propeller flange	X		X			X	X			
72062	BUSHING, Propeller flange	X		X			X	X			
75561	BUSHING, Propeller flange	X		X				X			
75656	BUSHING, Propeller flange	X		X				X			
73810	BUSHING, Crankshaft counterweight	X	X	X	X	X					
74230	GUIDE, Valve exhaust	X		X				X	X		
LW-14045	GUIDE, Valve exhaust	X		X				X	X		
LW-13521	BEARING, Connecting rod			X						X	X
LW-13884	BEARING, Crankshaft front									X	X
LW-13885	BEARING, Crankshaft front									X	X
LW-11021	BEARING, Crankshaft									X	X

Studs available in P03, P07 and P12.

NOTE

When ordering oversize or undersize parts, be sure to specify the required oversize or undersize dimension along with the proper part number. For example: to order bearing LW-13521 in .003 undersize, order part number LW-13521-M3. Oversize code is "P" while undersize code letter is "M". These letters are then followed by the numbers designating the size in thousandths of an inch.

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
CRANKCASE ASSEMBLY

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				0-360						LO-360				TO-360	
				B 2	C 1	C 1	C 1	C 2	C 2	C 2	C 2	D 1	A 1	G 6	C 1
1	LW-13819	CRANKCASE ASSEMBLY			1	1									
	LW-13809	CRANKCASE ASSEMBLY			1										
	LW-13808	CRANKCASE ASSEMBLY						1	1	1	1	1	1		
	LW-14668	CRANKCASE ASSEMBLY													1
	LW-15542	CRANKCASE ASSEMBLY												1	
	LW-16109	CRANKCASE ASSEMBLY										1			
2	75154	STUD, 1/2-13 x 10-1/32 long	2												
3	50-15	STUD, 1/2-20 x 1-7/8 long	8												
4	38-13	STUD, 3/8-16 x 1-5/8 long		16	16	16	16	16	16	16	16	16	19	16	16
5	38D-17	STUD, 3/8-16 x 2-1/8 long, drilled	1					1	1	1	1	1	1	1	
6	LW-13793	STUD, 5/16-18 x 15/16 long, drilled			1	1	1	1	1	1	1	1	1		
7	31C-12	STUD, 5/16-18 x 1-1/2 long		2	2	2	2	2	2	2	2	2	2	2	2
8	31CD-12	STUD, 5/16-18 x 1-1/2 long, drilled			1	1									
9	31C-13	STUD, 5/16-18 x 1-5/8 long			1		1	1	1	1	1	1	1	1	1
10	38-22	STUD, 3/8-16 x 2-3/4 long										1			1
11	STD-557	DOWEL, 1/2 dia. x 19/32 long, hollow	2												
12	72158	BUSHING, Gov. drive idler shaft										1			1
13	STD-514	DOWEL, 5/16 dia. x 1/2 long	2												
14	69796	DOWEL, Crankshaft bearing	2												
15	LW-10647	DOWEL, Crankshaft bearing		4	4	4	4	4	4	4	4	4	4	4	
16	1102	PLUG, 1/8-27 NPT, Allen		5	5	5	5	5	5	5	5	5	4	4	4
17	STD-1623	INSERT, 1/4-20 x Heli-coil x 3/8 long	2												
18	65007	RETAINER, Shroud tube seal	8												
19	STD-1339	PLUG, 1/16-27 NPT, Allen hd.										1			1
20	31C-16	STUD, 5/16-18 x 2.00 long (Driven height of studs .31)										4			4
21	31C-14	STUD, 5/16-18 x 1-3/4 long (Driven height of studs .96 - 1.00)													4
22	73772	NOZZLE ASSY., Piston cooling													4

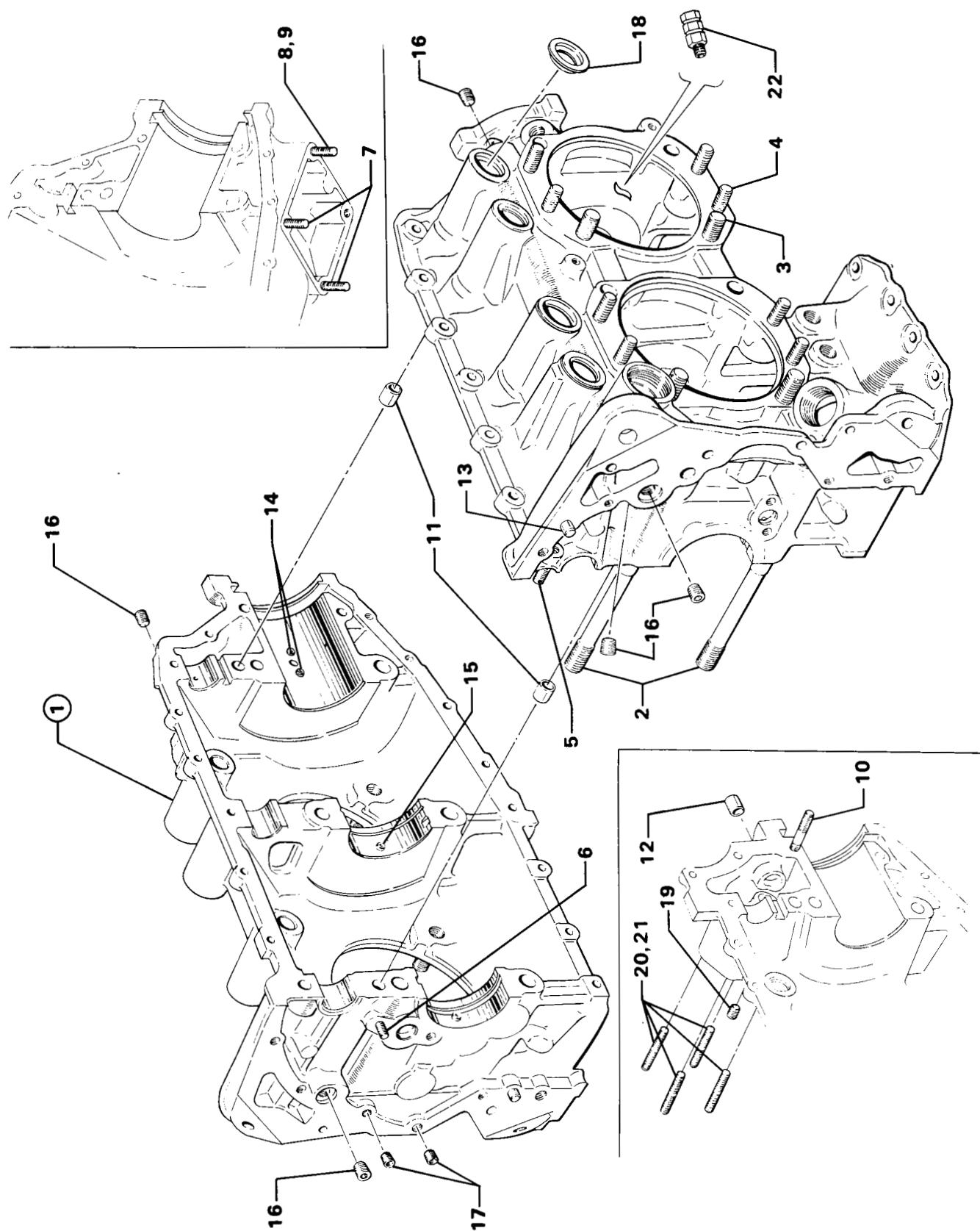
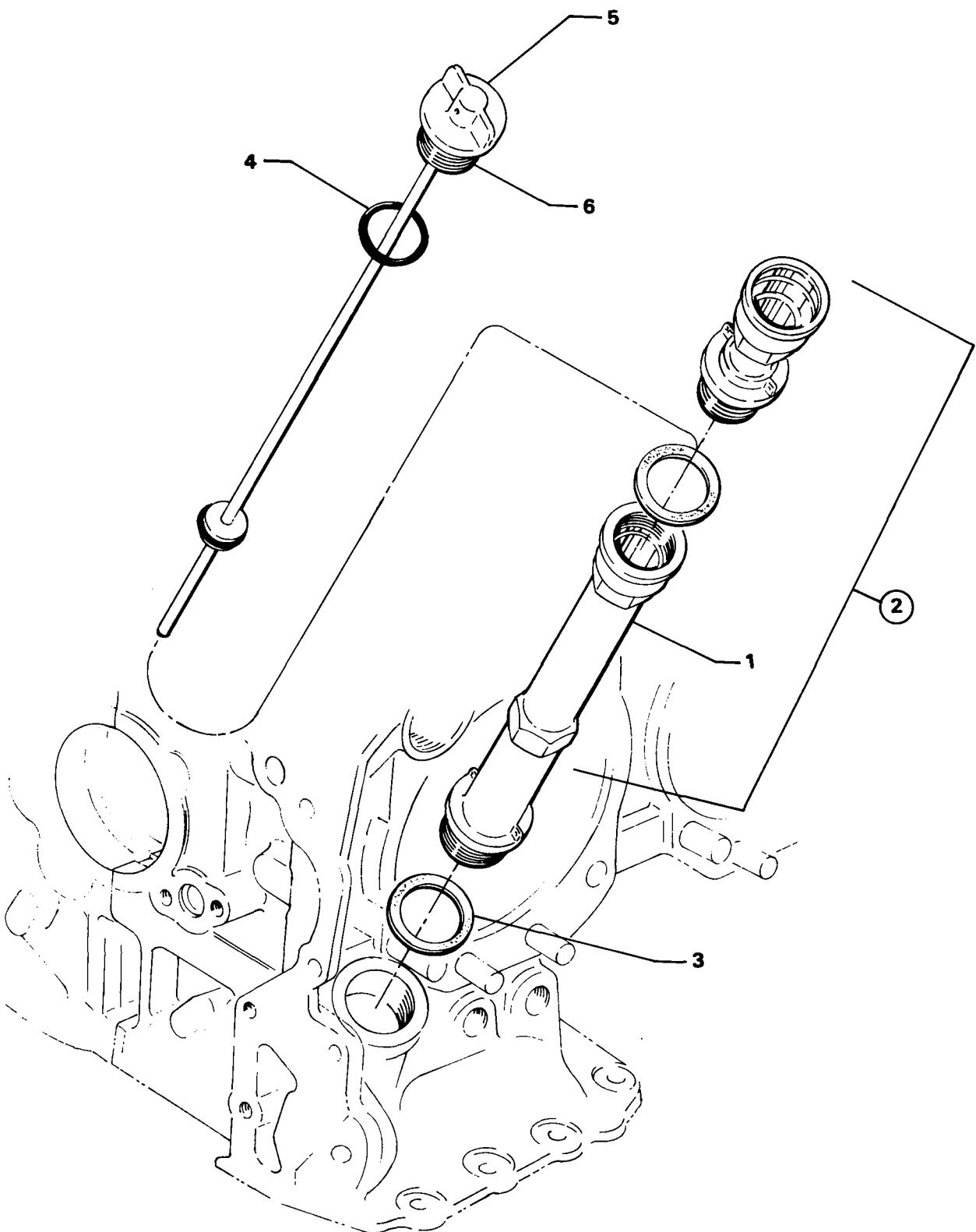


Figure 1 Crankcase Assembly

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
OIL LEVEL GAGE ASSEMBLIES

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	D D
1	75735	TUBE, Oil level gage, short		1	1	1			1	1						
	75767	TUBE, Oil level gage, intermediate				1	1		1	1	1	1				
	75736	TUBE, Oil level gage, long						1						1		1
2	78626	TUBE ASSY., Oil level gage, 15.13 long														1
	LW-16580	TUBE ASSY., Oil level gage, 12.81 long											1			
3	72059	GASKET, Oil level gage	1													
4	74068	RING, Oil level gage seal		1	1	1		1	1	1	1	1		1		1
	74065	RING, Oil level gage seal				1	1		1	1	1	1	1			
5	LW-14759	GAGE ASSY., Oil level		1	1	1		1	1							
	LW-14780	GAGE ASSY., Oil level				1	1		1	1	1	1	1			
	LW-14758	GAGE ASSY., Oil level						1								
	LW-14764	GAGE ASSY., Oil level, intermediate														1
	LW-14782	GAGE ASSY., Oil level														1
	LW-14790	GAGE ASSY., Oil level												1		
	LW-14795	GAGE ASSY., Oil level										1				
6	72842	PLUG, Oil level gage		1	1	1		1	1	1	1	1				
	72844	PLUG, Oil level gage				1	1		1	1	1	1	1	1		1

**Figure 2 Oil Level Assemblies**

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
CRANKSHAFT, CAMSHAFT AND RELATED PARTS

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 1	F 1	A 1	G 6	C 1
3	LW-12336	CRANKSHAFT & COUNTERWGHT ASSY.												1		
	LW-12174	CRANKSHAFT & COUNTERWGHT ASSY.														1
	LW-15541	CRANKSHAFT & COUNTERWGHT ASSY.													1	
	LW-17281	CRANKSHAFT & COUNTERWGHT ASSY.												1		
	LW-17284	CRANKSHAFT & COUNTERWGHT ASSY.												1		
1	74966	CRANKSHAFT ASSY.			1	1	1	1								
	74968	CRANKSHAFT ASSY.		1					1	1	1	1				
	76374	CRANKSHAFT ASSY.							1	1						
	LW-12335	CRANKSHAFT ASSY.											1			
	LW-12173	CRANKSHAFT ASSY.														1
	LW-15540	CRANKSHAFT ASSY.												1		
	LW-17254	CRANKSHAFT ASSY.										1				
	LW-17257	CRANKSHAFT ASSY.												1		
	LW-17161	CRANKSHAFT ASSY.										1				
	LW-17160	CRANKSHAFT ASSY.							1	1						
2	STD-1211	PLUG, 2.00 dia. expansion		1	1	1	1	1	1	1	1	1	1	1		
3	LW-14529	PLUG, 2.06 dia. expansion														1
4	1102	PLUG, 1/8-27 NPT, Allen hd.														1
5	STD-1065	DOWEL, Stepped, 19/64 & 1/4 dia. x 35/64 long			1	1	1	1	1	1	1	1	1	1		
6	STD-2078	DOWEL, 3/8 OD x 1/2 long													1	1
7	61510	PLUG, 1-3/4 OD			1	1	1	1				1		1		
8	74711	PLUG, 1-1/4 OD (1/8 NPT)														1
9	72060	BUSHING, Prop. flange, indexing		1	1	1	1	1	1	1	1	1	1	1		
	75560	BUSHING, Prop. flange, indexing							1	1						
	75657	BUSHING, Prop. flange, indexing														1
10	72061	BUSHING, Prop. flange, short		1	1	1	1	1	1	1	1	1	1	1		
	72155	BUSHING, Prop. flange, short														1
11	72062	BUSHING, Prop. flange, long		4	4	4	4	4	4	4	4	4	4	4		
	75561	BUSHING, Prop. flange, long							5	5						
	75656	BUSHING, Prop. flange, long														4
12	73810	BUSHING, Crankshft dynamic ct'wt.											4	4	4	
13	72801	COUNTERWEIGHT ASSY.										2	2	2	2	
14	71903	BUSHING, Dynamic counterweight										8	8	8	8	
15	LW-10977	ROLLER, Dynamic ct'wt., 8th order										2	2	2	2	
16	LW-10945	ROLLER, Dynamic ct'wt., 6.3 order										2	2	2	2	
17	LW-14820	RING, Internal retaining										8	8	8	8	
18	71907	WASHER, Dynamic counterweight										8	8	8	8	
	76097	CAMSHAFT		1	1	1	1	1	1	1	1	1				
	78717	CAMSHAFT										1				
	LW-12050	CAMSHAFT												1		
	LW-14827	CAMSHAFT														1
20	61155	GEAR, Crankshaft		1	1	1	1	1	1	1	1	1	1			
	LW-10284	GEAR, Crankshaft												1	1	
21	61156	LOCKPLATE, Crankshaft gear		1	1	1	1	1	1	1	1	1	1			
	LW-10332	LOCKPLATE, Crankshaft gear												1	1	
22	STD-847	SCREW, 5/16-24 x 1.00 long		1	1	1	1	1	1	1	1	1	1			
	AN8-14A	BOLT, 1/2-20 x 1-19/32 long, hex. hd.												1	1	

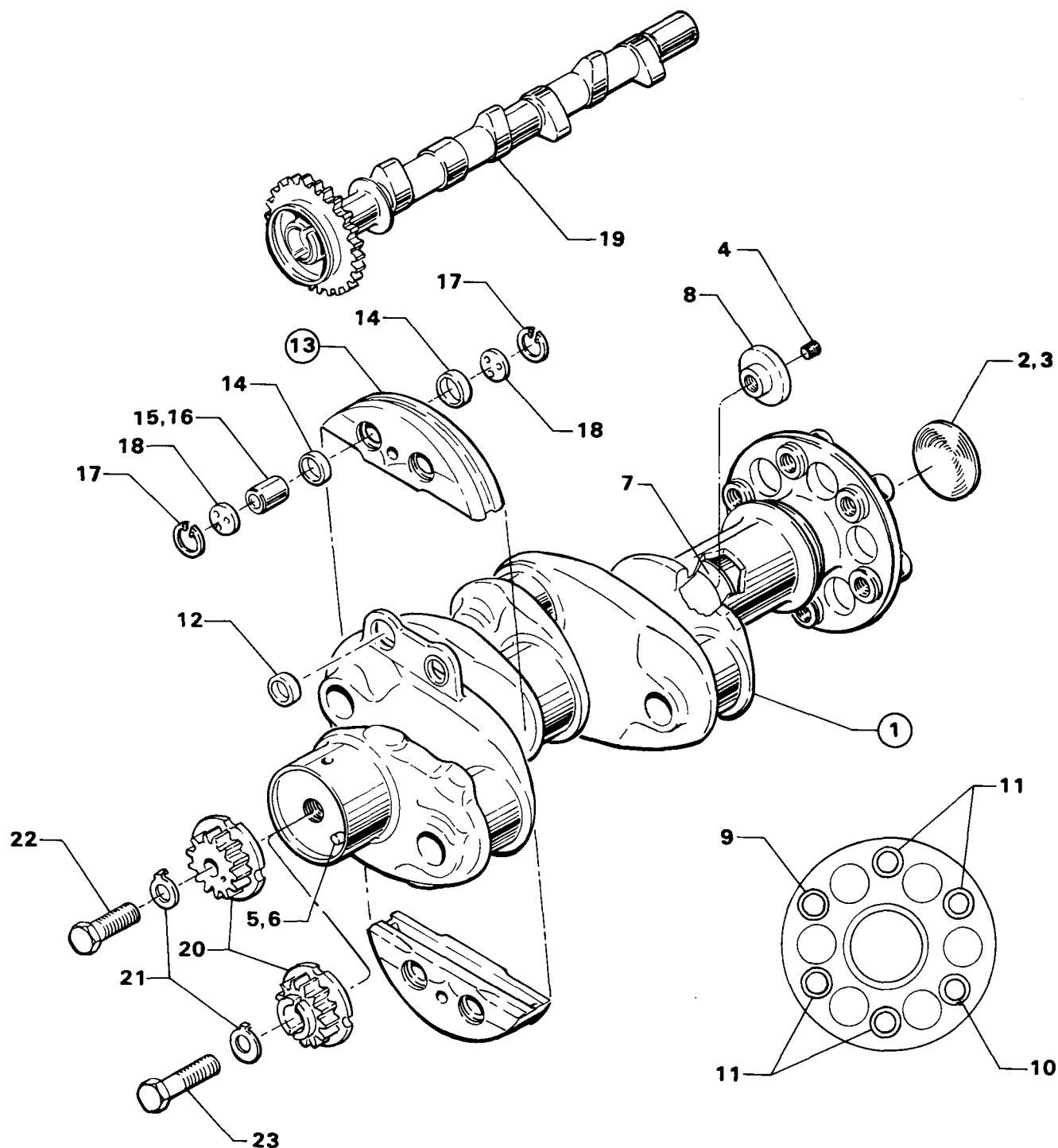


Figure 3 - Crankshaft, Camshaft and Related Parts

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
 CRANKCASE RELATED PARTS

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				O-360				LO-360				TO-360				
				B	C	C	C	C	C	C	D	F	A	G	C	A
1	1028-B	BALL, 11/16 dia.	1													
2	61084	SPRING, Oil pressure relief valve	1													
	LW-11713	SPRING, Oil pressure relief valve														1
3	STD-425	WASHER, No. 10 plain (Max. 9)		un	un	un	un	un	un	un	un	un		un		un
4	STD-1045	GASKET, 1-1/4 ID x 1-1/2 OD x 3/32 annular	1													
5	76529	PLUG, Oil relief valve		1	1	1	1	1	1	1	1	1	1	1	1	1
6	77808	VALVE ASSY., Oil pressure relief, adjustable									1	1				1
7	LW-11021	BEARING, Crankshaft		4	4	4	4	4	4	4	4	4	4	4	4	4
	LW-13683	BEARING, Crankshaft														4
8	LW-13884	BEARING, Crankshaft front		2	2	2	2	2	2	2	2	2	2	2	2	2
	LW-13885	BEARING, Crankshaft front														2
9	LW-13792	SEAL, Crankshaft, oil		1	1	1	1	1	1	1	1	1	1	1	1	1
	LW-15628	SEAL, Crankshaft, oil														1
10	72075	SEAL, Oil, 5/64 section x 15/32 ID	2													
11	72091	RING, Oil seal, 23/64 ID x 3/32 dia. section	2												8	
12	72877	BODY, Hydraulic tappet		8	8	8	8	8	8	8	8	8	8	8	8	
	73061	BODY, Hydraulic tappet														8

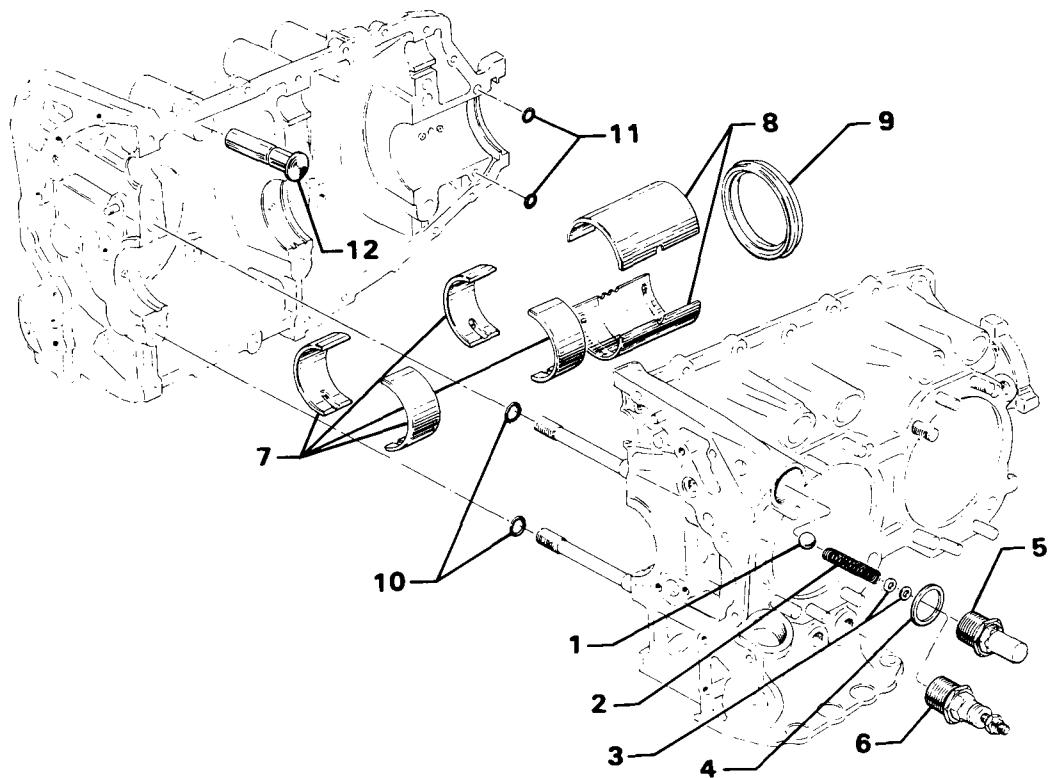


Figure 4.

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
PROPELLER GOVERNOR DRIVE (CRANKCASE)

FIG. REF. 5	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				0-360					LO-360			TO-360					
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	D 2	F 1	A 6	A 1	G 6	D D	C 1
1	77875	GEAR, Prop. governor driven										1					1
2	LW-14021	SHAFT, Prop. governor idler gear										1					1
3	77874	GEAR ASSY., Prop. governor idler										1					1
4	77872	BUSHING, Prop. governor idler gear										2					2
5	STD-19	DOWEL, 3/32 dia. x 7/32 long										1					1
6	STD-798	DOWEL, 3/32 dia. x 9/32 long										1					1
7	73249	WASHER, Thrust										un					un
	73250	WASHER, Thrust										un					un
	73251	WASHER, Thrust										un					un
	73252	WASHER, Thrust										un					un
8	AN565B1032H5	SET SCREW, No. 10-32 x 5/16 long										1					1
9	70455	GASKET, 25/32 ID x 1-1/8 OD x 1/16 thick										1					1
10	LW-13896	PLUG, 3/4-16 hex. hd.										1					1

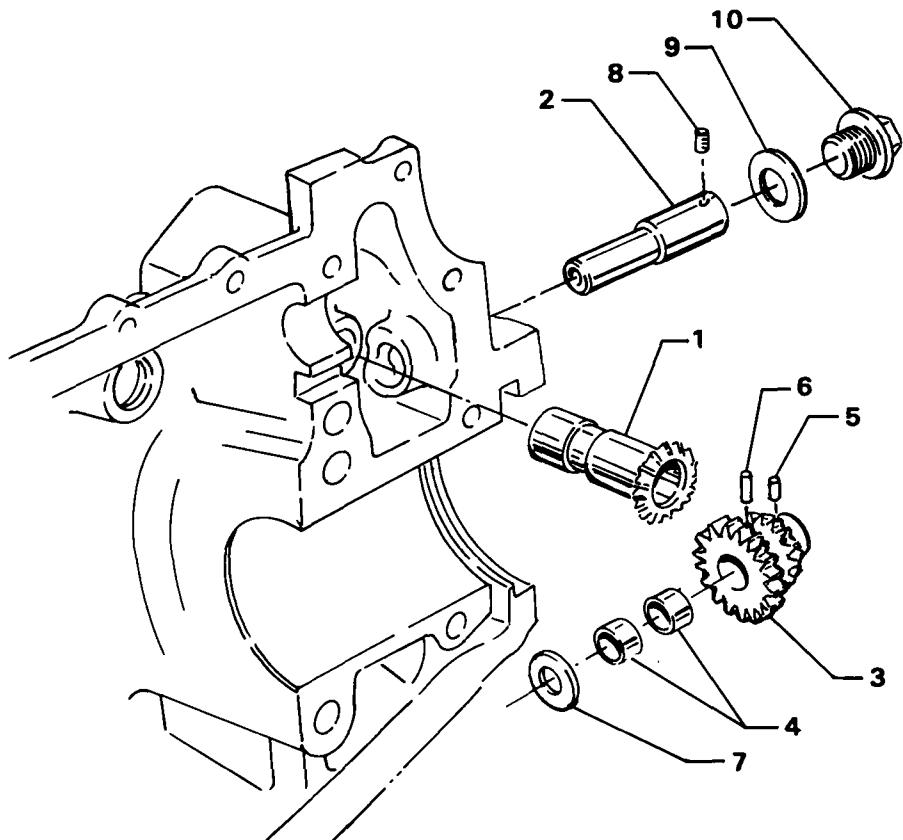


Figure 5.

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
CRANKSHAFT IDLER GEARS AND TACHOMETER SHAFT

FIG. REF. 6	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				0-360						LO-360				TO-360			
				B 2 A	C 1 A	C 1 C	C 1 E	C 2 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A	D 6 D
1	61544	PLUNGER, Fuel pump, long		1	1	1		1	1	1		1	1		1		1
2	74996	GEAR ASSY., Crankshaft idler, plain					2	2	2								
	74996	GEAR ASSY., Crankshaft idler, plain		1	1	1		1	1	1		1	1				
3	77309	BUSHING, Crankshaft idler gear				2		2	2								
	77309	BUSHING, Crankshaft idler gear		1	1	1		1	1	1		1	1				
4	75072	GEAR ASSY., Crankshaft idler		1	1	1		1	1	1		1	1				
5	77309	BUSHING, Crankshaft idler gear		1	1	1		1	1	1		1	1				
6	LW-10296	GEAR ASSY., Crankshaft idler															1
	LW-12911	GEAR ASSY., Crankshaft idler															1
7	LW-10299	SHAFT, Crankshaft idler gear															1
8	LW-10286	GEAR ASSY., Crankshaft idler															1
9	LW-10298	SHAFT, Crankshaft idler gear															1
10	76121	SHAFT ASSY., Tachometer	1														
11	78368	PIN, 3/16 dia. x 2-21/64 long	1														
12	76118	SPACER, Tachometer shaft centering	1														
13	MS16625-1081	RING, Internal retaining	1														
14	LW-13796	SHAFT, Crankshaft idler gear		2	2	2	2	2	2	2	2	2	2	2	2	2	
15	STD-2167	SCREW, 5/16-18 x 7/8 long,															
		hex. hd. dr.		3	3	3	3	3	3	3	3	3	3	3	3		
16	STD-2168	NUT, 5/16-18 NC-3 slotted shear		1	1	1	1	1	1	1	1	1	1	1	1		

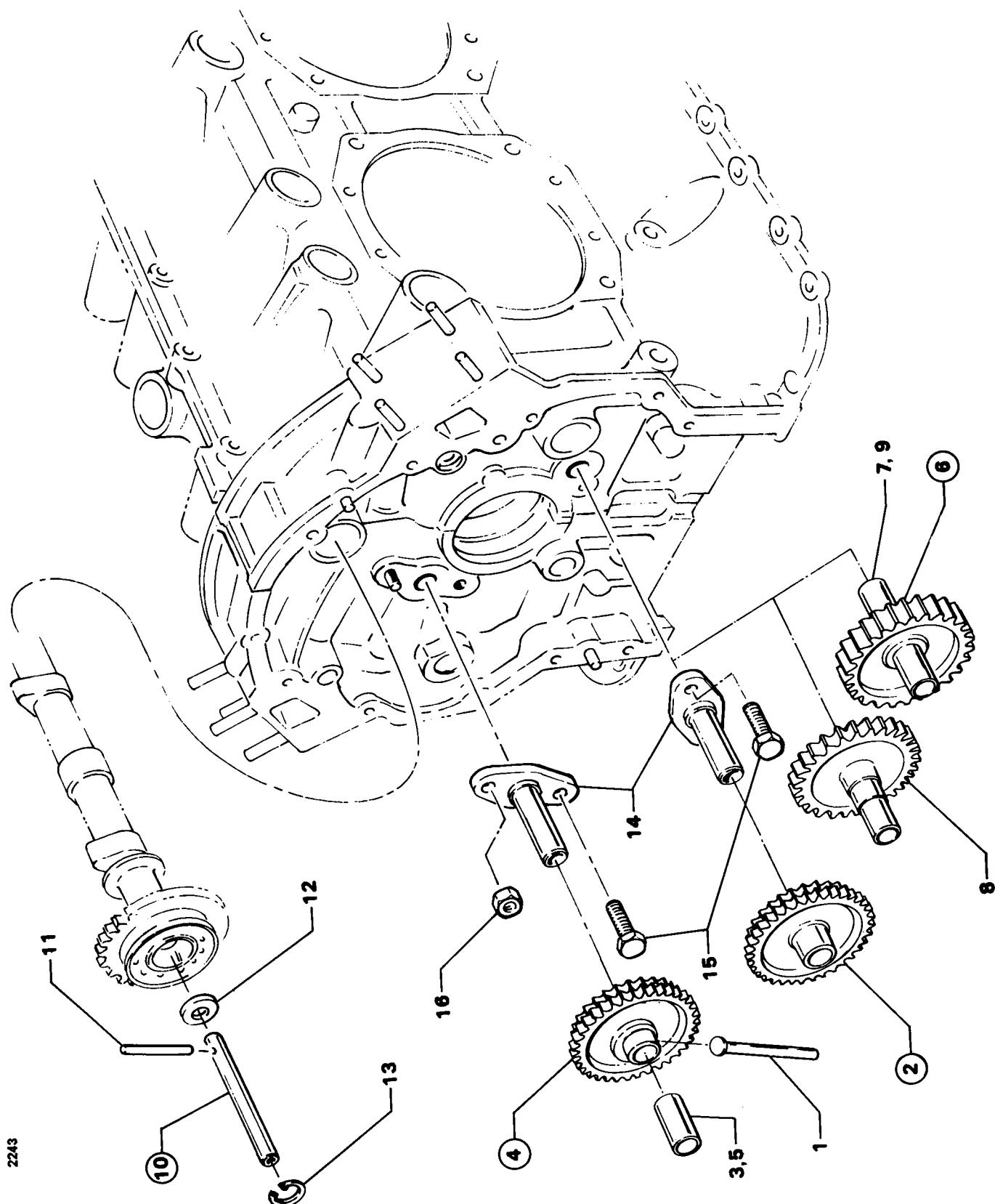
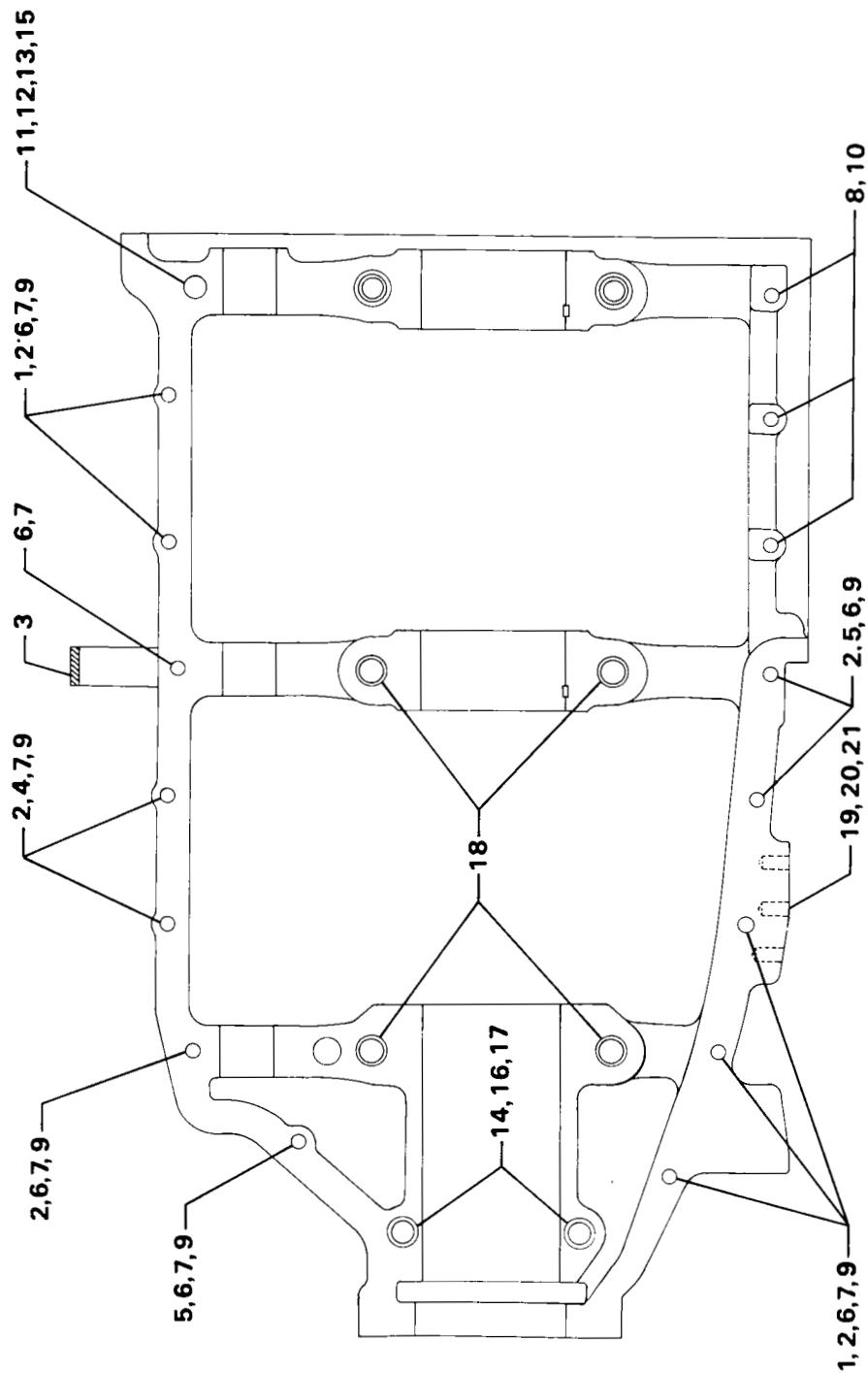


Figure 6 - Crankshaft Idler Gears and Tachometer Drive

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
 CRANKCASE ATTACHING PARTS

FIG. REF. 7	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				O-360						LO-360				TO-360			
				B 2	C 1	C 1	C 1	C 2	C 2	C 2	D 1	F 1	A 1	G 6	D D	C 1	
1	STD-1414	BOLT, 1/4-20 x 1-1/2 long, hex. hd.		8	8	8	8	8	8	8	8	8		8		7	
2	STD-8	WASHER, 1/4 plain		19	19	19	19	19	19	19	19	19	20		19		20
3	60803	STRAP, Lifting		1	1	1	1	1	1	1	1	1	1		1		2
4	STD-2084	BOLT, 1/4-20 x 1-3/4 long, hex. hd.		1	1	1	1	1	1	1	1	1	1		1		2
5	STD-1419	BOLT, 1/4-20 x 1-1/8 long, hex. hd.		3	3	3	3	3	3	3	3	3	4		3		4
6	STD-160	WASHER, 1/4 lock, internal teeth		12	12	12	12	12	12	12	12	12	13		12		12
7	STD-1411	NUT, 1/4-20 plain	9														
8	STD-1416	BOLT, 1/4-20 x 1-1/2 long, hex. hd. dr. end		3													
9	STD-8	WASHER, 1/4 plain (Max. 9)	un														
10	STD-1409	NUT, 1/4-20 slotted shear	3														
11	STD-33	WASHER, 3/8 plain	3														
12	AN960-616L	WASHER, 3/8 plain (thick), (Max. 3)	un														
13	STD-872	NUT, 3/8-24 slotted	1												2		2
14	AN6-34A	BOLT, 3/8-24 x 3-37/64 long, hex. hd.		2	2	2	2	2	2	2	2	2	1				
15	STD-33	WASHER, 3/8 plain	2														
16	STD-678	WASHER, 3/8 lock, internal teeth	2														
17	STD-596	NUT, 3/8-24 plain	2														
18	76220	STUD, 1/2-20 x 10-11/16 long	4														
19	STD-35*	WASHER, 5/16 plain													5		
20	STD-475*	WASHER, 5/16 lock, internal teeth														1	
21	STD-1838*	BOLT, 5/16-18 x 15/16 long, hex. hd.															1

* Install in center hole at rear alternator attaching pad.

**Figure 7 - Crankcase Attaching Parts**

CRANKCASE, CRANKSHAFT AND CAMSHAFT GROUP
STARTER RING GEAR SUPPORT ASSEMBLY

FIG. REF. 8	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												LO-360	TO-360
				O-360												LO-360	TO-360
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A	A 6 D
1	LW-16064	SUPPORT ASSY., Starter ring gear, 12/14 pitch, 1.91:1 drive			1	1	1			1	1						
	77579	SUPPORT ASSY., Starter ring gear, 12/14 pitch, 3.25:1 drive			1		1	1	1	1	1	1					1
	75030	SUPPORT ASSY., Starter ring gear, 12/14 pitch, 3.25:1 drive										1					
	LW-11519	SUPPORT ASSY., Starter ring gear, 12/14 pitch, 3.25:1 drive															1
	LW-16471	SUPPORT ASSY., Starter ring gear, 12/14 pitch, 3.25:1 drive											1				
2	72566	GEAR, Starter ring, 12/14 pitch		1	1	1	1	1	1	1	1	1	1				1
	LW-10551	GEAR, Starter ring, 12/14 pitch															1

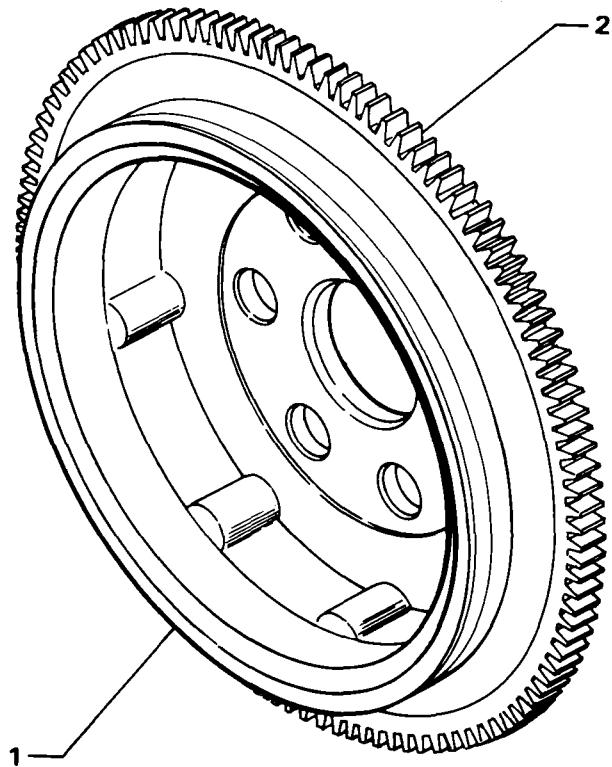


Figure 8.

ACCESSORY HOUSING AND RELATED PARTS
ACCESSORY HOUSING ASSEMBLY

FIG. REF. 9	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY														
				O-360				LO-360				TO-360						
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	D 6	C 1	A 6
1	73818	GASKET, Accessory housing	1															
2	76110	HOUSING ASSY., Accessory		1	1	1		1	1	1	1							
	76111	HOUSING ASSY., Accessory								1								
	77422	HOUSING ASSY., Accessory							1									
	77997	HOUSING ASSY., Accessory							1	1	1	1						
	LW-10887	HOUSING ASSY., Accessory																1
	LW-10893	HOUSING ASSY., Accessory															1	
3	25C-22	STUD, 1/4-20 x 2-3/4 long		4	4	4	4	4	4	4	4	4	4					
4	25C-12	STUD, 1/4-20 x 1-1/2 long													4		4	
5	75888	STUD, 1/4-20 x 1-1/4 long						6							6		6	
6	31C-12	STUD, 5/16-18 x 1-1/2 long		6	6	6	6	6	6	6	6	6	6					
	31C-12	STUD, 5/16-18 x 1-1/2 long						4	4	4	4	4	4					
7	31C-13	STUD, 5/16-18 x 1-5/8 long				2			2							2		2
8	31C-19	STUD, 5/16-18 x 2-3/8 long		2	2	2	2	2	2	2	2	2	2					
	31C-19	STUD, 5/16-18 x 2-3/8 long					4	4	4	4	4	4	4					
9	31CD-17	STUD, 5/16-18 x 2-1/8 long		3	3	3	3	3	3	3	3	3	3					
10	31C-17	STUD, 5/16-18 x 2-1/8 long				2	2	2	2	2	2	2	2		4			
11	1102	PLUG, 1/8 pipe, Allen		2	2	2	2	2	2	2	2	2	2					
12	STD-784	PLUG, 1/8 pipe, Allen		1	1	1	1	1	1	1	1	1	1					
13	LW-12589	INSERT, Heli-coil, 5/8-18 x 3/8 long													1		1	
14	MS124703	INSERT, Heli-coil, 3/4-16 x 1-1/8 long													1		1	
15	LW-10341	INSERT, Heli-coil, 1.00-14 x 3/8 long													1		1	
16	76119	SHIELD, Accessory breather oil	1															
17	1102*	PLUG, 1/8-27 NPT, Allen hd.													1			

* Assemble in accessory housing on top of oil filter pad.

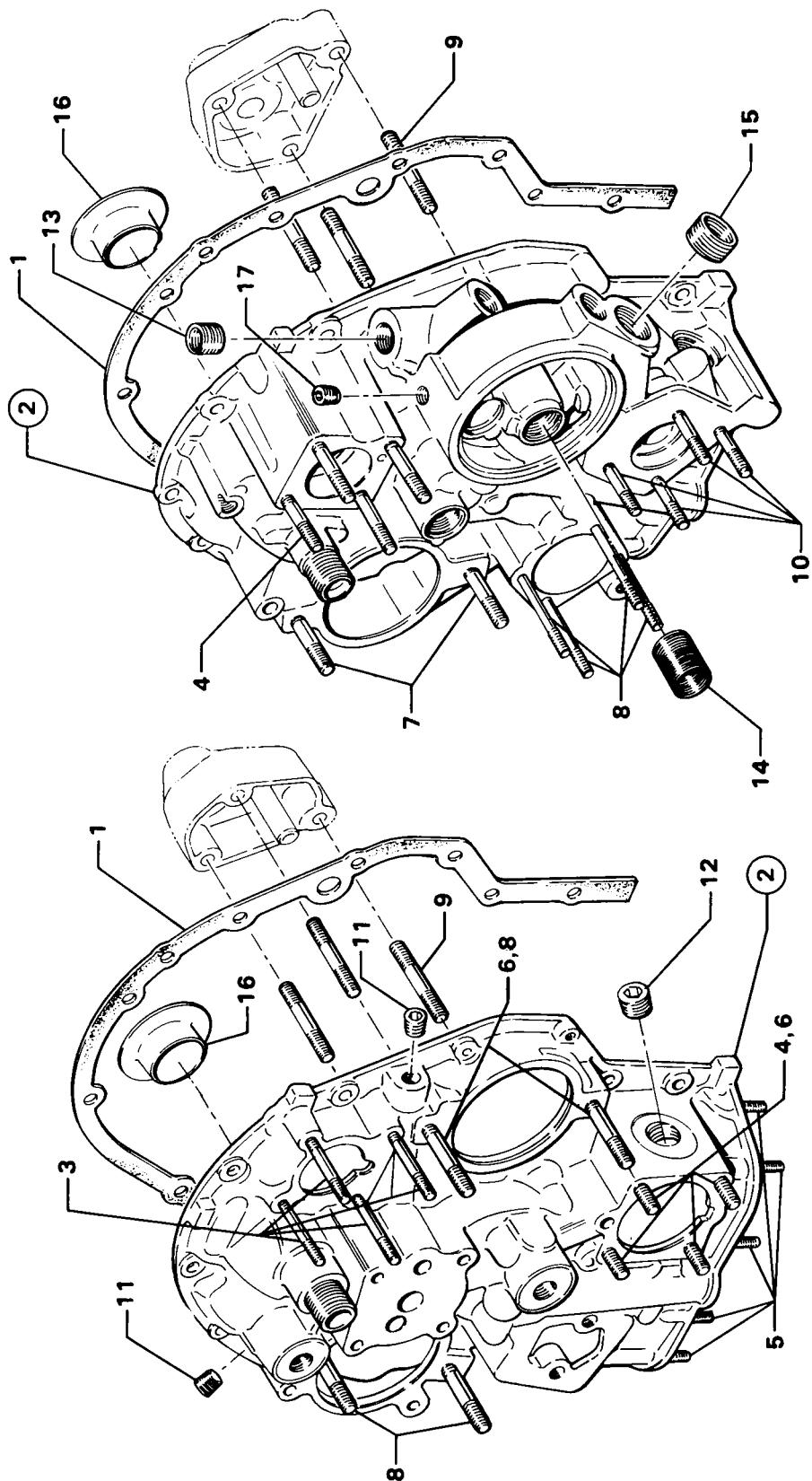


Figure 9 - Accessory Housing Assembly

ACCESSORY HOUSING AND RELATED PARTS
OIL PUMP AND ACCESSORY HOUSING ATTACHING PARTS

FIG. REF.	PART NUMBER	DESCRIPTION	O N A L L	QUANTITY PER ASSEMBLY											
				O-360						LO-360				TO-360	
				B 2 A	C 1 A	C 1 C	C 1 E	C 2 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 G	C 1 A
1	78531	BODY, Oil pump		1	1	1	1	1	1	1	1	1	1		
	LW-15567	BODY ASSY., Oil pump												1	
2	STD-783	PLUG, 1/4-18 NPT												1	
3	LW-10342	BODY, Oil pump													1
4	LW-18110	IMPELLER ASSY., Oil pump driven	1												
5	61174	SHAFT, Oil pump drive		1	1	1	1	1	1	1	1	1			
6	LW-18109	IMPELLER, Oil pump driving	1												
7	LW-14040	GEAR ASSY., Oil pump drive											1		1
8	61166	THRUST BUTTON											1		1
9	STD-35	WASHER, 5/16 plain	3												
10	STD-1420	NUT, 5/16-18 slotted		3	3	3	3	3	3	3	3	3			
11	LW-31H1.75	BOLT, 5/16-18 x 1-3/4 long											3		3
12	LW-14260	SEAL, Tachometer drive, oil	1												
13	STD-8	WASHER, 1/4 plain	12												
14	STD-160	WASHER, 1/4 lock, internal teeth	12												
15	LW-25-0.94	BOLT, 1/4-20 x 15/16 long, hex. hd.		10	10	10	10	10	10	10	10	10	9		9
16	LW-25-1.50	BOLT, 1/4-20 x 1-1/2 long, hex. hd.		2	2	2	2	2	2	2	2	2			
17	LW-25-1.25	BOLT, 1/4-20 x 1-1/4 long, hex. hd.											1		1
18	LW-25-0.81	BOLT, 1/4-20 x 13/16 long, hex. hd.											2		2

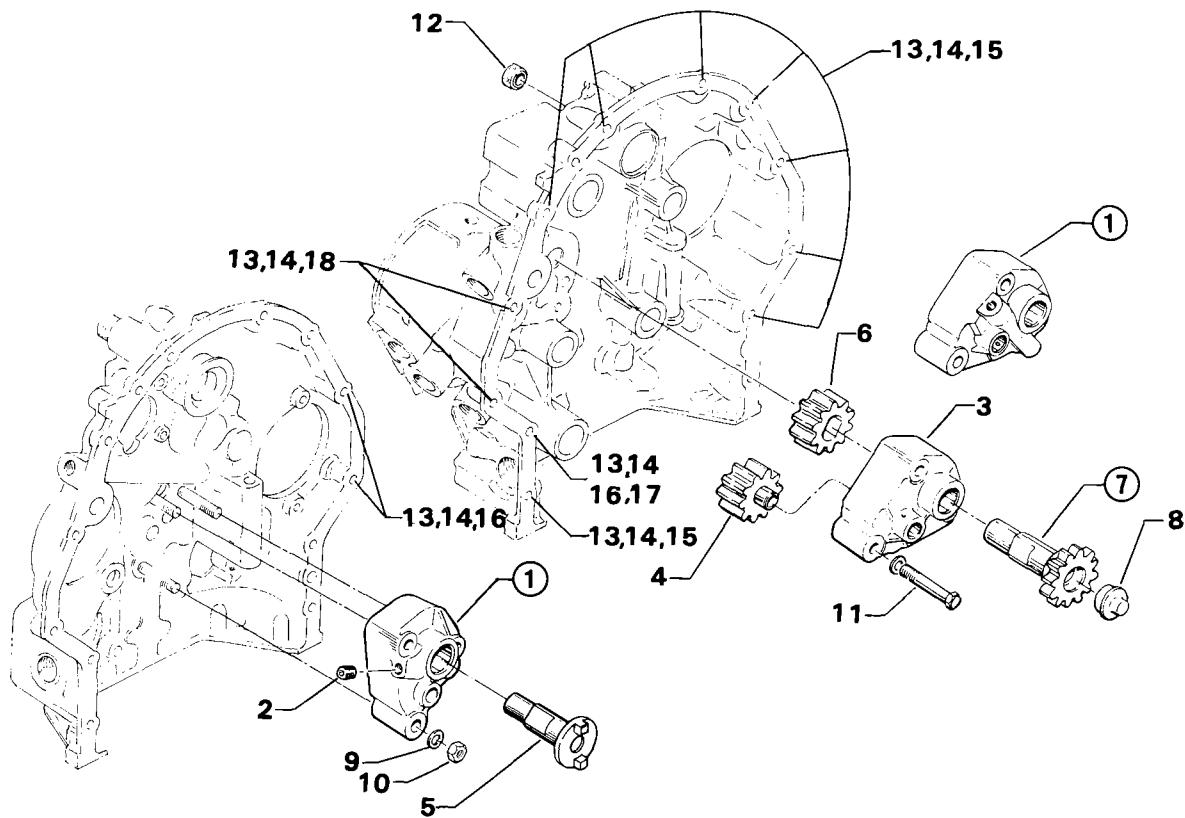


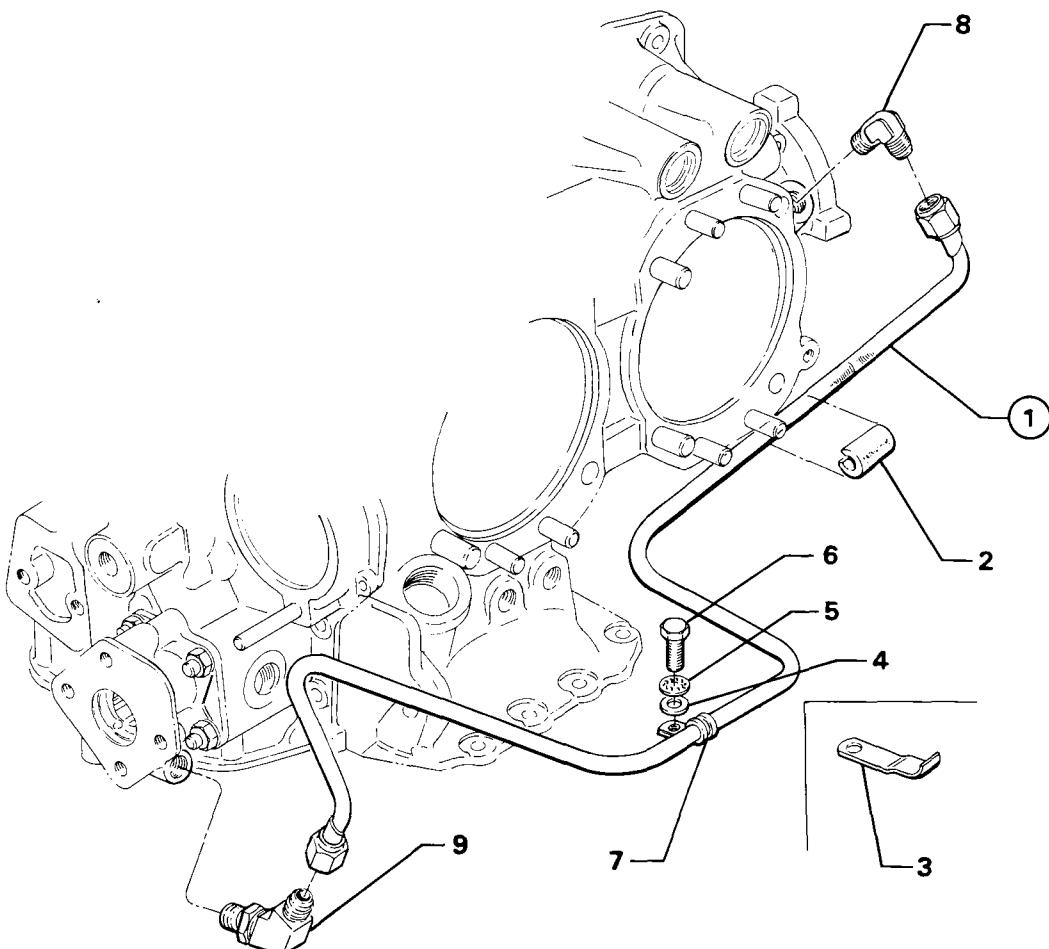
Figure 10.

ACCESSORY HOUSING AND RELATED PARTS
PROPELLER GOVERNOR OIL LINE

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY																		
				0-360			LO-360			TO-360												
				B	C	C	C	C	C	D	F	A	C	1	A	G	6	D	C	1	A	6
1	75167	TUBE ASSY., Prop. gov. oil line			1	1	1	1														
	LW-12920	TUBE ASSY., Prop. gov. oil line																				1
2	STD-1930	HOSE, 3/8 ID x 1.00 long			1	1	1	1													1	
3	75165	CLIP, Prop. gov. oil line support			1	1	1	1													1	
4	STD-35	WASHER, 5/16 plain							3	3										3		
5	STD-475	WASHER, 5/16 lock, internal teeth							1	1										1		
6	STD-1838	BOLT, 5/16-18 x 15/16 long, hex. hd.							1	1										1		
7	LW-16266-25-38	CLAMP			1	1	1	1												1		
8	STD-700*	ELBOW, 3/8 flared tube & 1/4 NPT, 90°							1	1	1	1								1		
9	74070**	ELBOW, 3/8 flared tube & 9/16-18 str. thd., adj. 45°							1	1	1	1								1		

* Assemble in right crankcase, front.

** Assemble in prop. gov. adapter except for LO-360-A1G6D assemble in accessory housing.



2278

Figure 11.

ACCESSORY HOUSING AND RELATED PARTS
PROPELLER GOVERNOR DRIVES AND COVERS

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				0-360						LO-360				TO-360			
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A	D 6 D
1	68317	SHAFTGEAR, Prop. governor drive			1	1	1	1									
2	LW-12914	GEAR ASSY., Accessory driven														1	
3	LW-12913	THRUST BUTTON, Prop. gov. gear														1	
4	71596	WASHER, Accessory driven gear			1	1	1	1								1	
5	STD-1221	RING, 13/16 dia. x 1/32 thick, external retaining							1	1	1	1					
6	68315	GASKET, Accessory drive adapter			1	1	1	1									
7	75153	ADAPTER ASSY., Prop. governor drive			1	1	1	1									
8	1102	PLUG, 1/8-27 NPT, Allen			1	1	1	1									
9	31C-16	STUD, 5/16-18 x 2.00 long			4	4	4	4									
10	STD-1774	PIN, 1/8 dia. x 1/4 long			1	1	1	1									
11	STD-35	WASHER, 5/16 plain			4	4	4	4									
12	STD-475	WASHER, 5/16 lock, internal teeth			4	4	4	4									
13	STD-1410	NUT, 5/16 plain			4	4	4	4									
14	69551	GASKET, Accessory drive adapter		1					1	1	1	1	1				
15	72053	GASKET, Governor			1	1	1	1						2		1	
16	69106	COVER, Gov. drive adapter pad		1					1	1	1	1	1				
17	72378	COVER, Gov. drive				1	1	1	1					1		1	
18	LW-12347	PLATE, Prop. gov. pad														1	
19	STD-35	WASHER, 5/16 plain		4					4	4	4	4	4				
20	STD-475	WASHER, 5/16 lock, internal teeth		4					4	4	4	4	4				
21	STD-1410	NUT, 5/16-18 plain		4					4	4	4	4	4				
22	STD-783*	PLUG, 1/4-18 NPT, Allen hd.		1					1	1	1	1					
23	72053	GASKET, Governor												1			
24	72378	COVER, Gov. drive												1			
25	STD-35**	WASHER, 5/16 plain			un	un	un	un					un		un		un
26	STD-475	WASHER, 5/16 lock, internal teeth			4	4	4	4					4		4		4
27	STD-1410	NUT, 5/16-18 plain			4	4	4	4					4		4		4

* Assemble in right crankcase, front.

** 32 required for Woodward governor; 4 required for AN governor.

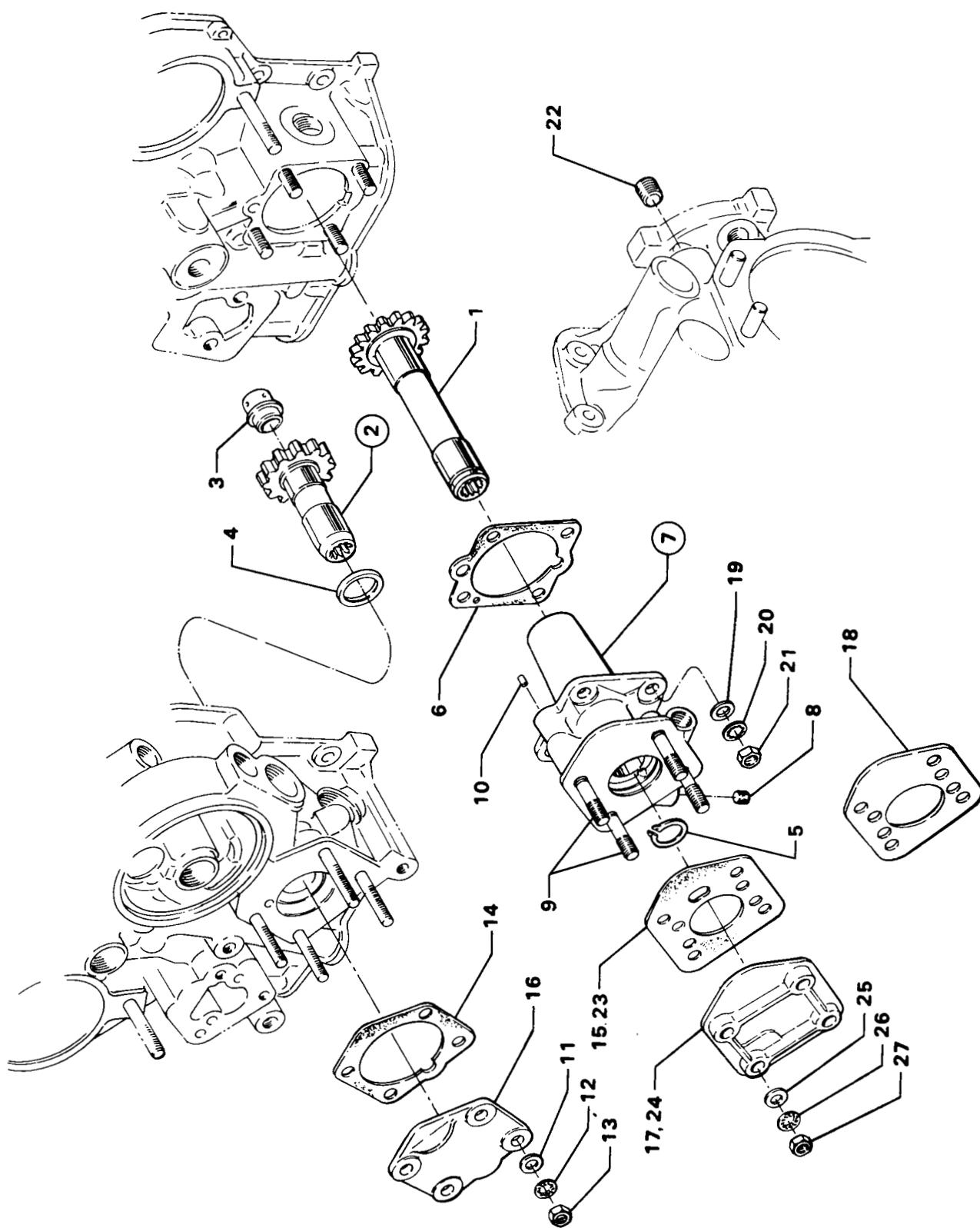


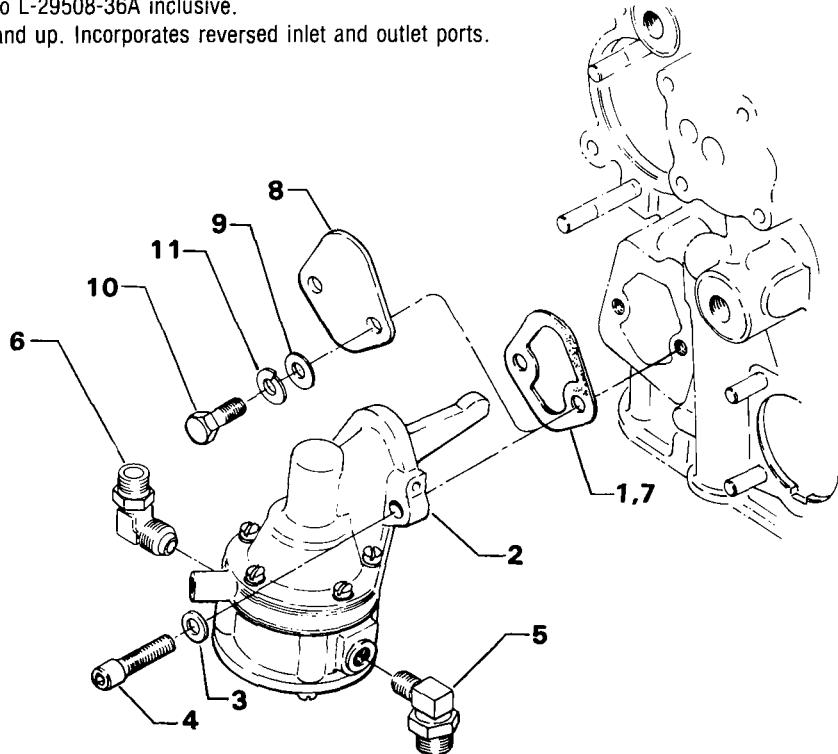
Figure 12 - Propeller Governor Drive and Covers

ACCESSORY HOUSING AND RELATED PARTS
 FUEL PUMP ASSEMBLY AND ATTACHING PARTS

FIG. REF.	PART NUMBER	DESCRIPTION	O N A L L	QUANTITY PER ASSEMBLY												
				O-360				LO-360				TO-360				
				B 2 A	C 1 A	C 1 C	C 1 E	C 2 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 G	A 1 6	C 1 A
1	60096	GASKET, Fuel pump		1	1	1		1	1	1	1	1	1			1
2	LW-15472	FUEL PUMP, Low pressure, dual diaphragm (6441271)			1	1	1		1	1	1	1		1		
LW-15472*		FUEL PUMP, Low pressure, dual diaphragm (6441271)											1			
LW-16775**		FUEL PUMP, Low pressure, dual diaphragm (6441617)											1			
LW-15473		FUEL PUMP, High pressure (6441234)														1
LW-16335		FUEL PUMP, Low pressure, dual diaphragm (6441452)											1			
3	STD-33	WASHER, 3/8 plain		2	2	2		2	2	2	2	2		2		2
4	STD-1882	SCREW, 3/8-16 x 1-9/32 long socket hd., dr. hd.		2	2	2		2	2	2	2	2		2		2
5	75252	ELBOW, 1/4 tube x 9/16 thd., 90° (outlet)														1
6	72377	ELBOW, 3/8 tube, 90° (inlet)														1
7	60096	GASKET, Fuel pump						1	1	1	1					
8	65098	COVER, Fuel pump						1	1	1	1					
9	STD-33	WASHER, 3/8 plain						2	2	2	2					
10	LW-38-75	BOLT, 3/8-16 x 3/4 long, hex. hd.						2	2	2	2					
11	STD-678	WASHER, Lock						2	2	2	2					

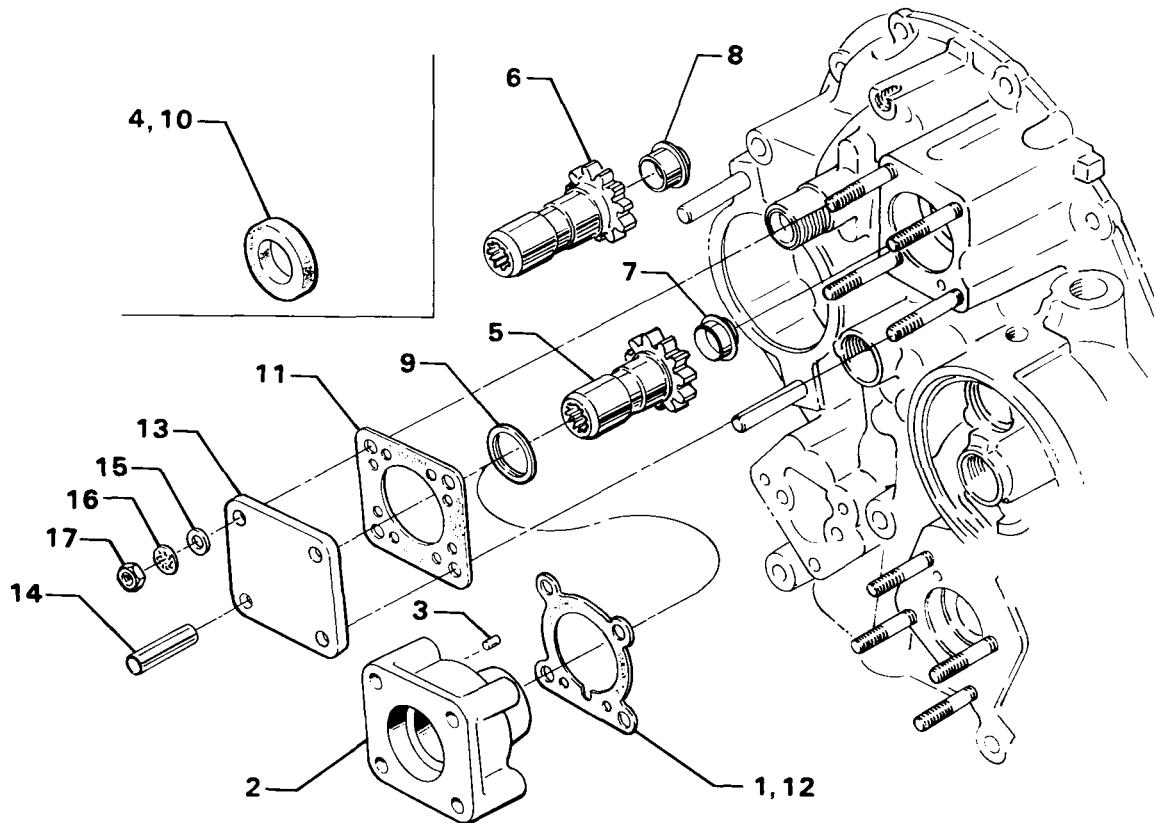
* Used on Serial Nos. L-25898-36A to L-29508-36A inclusive.

** Used on Serial Nos. L-29547-36A and up. Incorporates reversed inlet and outlet ports.


Figure 13.

ACCESSORY HOUSING AND RELATED PARTS
VACUUM PUMP DRIVES AND COVERS

FIG. REF. 14	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				O-360				LO-360				TO-360				
				B 2	C 1	C 1	C 1	C 2	C 2	C 2	F 1	A 1	G 6	C 1	A 6	D D
1	61183	GASKET, Accessory adapter		1	1	1		1	1		1	1				
2	61098	ADAPTER ASSY., Vacuum pump		1	1	1		1	1		1	1				
3	STD-1774	PIN, 1/8 dia. x 1/4 long		1	1	1		1	1		1	1				
4	STD-208	OIL SEAL, 7/8 ID x 1-1/2 OD x 5/16 wide		1	1	1		1	1		1	1				
5	72970	GEAR ASSY., Vacuum pump driven		1	1	1		1	1		1	1				
6	LW-10305	GEAR ASSY., Accessory driven											1		1	
7	72962	THRUST BUTTON, Vacuum pump gear		1	1	1		1	1		1	1				
8	61166	THRUST BUTTON											1		1	
9	71596	WASHER, Accessory driven gear		1	1	1		1	1		1	1		1		1
10	STD-208	OIL SEAL, 7/8 ID x 1-1/2 OD x 5/16 wide											1		1	
11	8313	GASKET, Vacuum pump		1	1	1		1	1		1	1	1		1	1
12	61183	GASKET, Accessory adapter						1	1	1	1					
13	60430	COVER, Vacuum pump	1													
14	68593	SPACER, Vacuum pump stud						4	4	4	4					
15	STD-8	WASHER, 1/4 plain	4													
16	STD-160	WASHER, 1/4 lock, internal teeth	4													
17	STD-1411	NUT, 1/4-20 plain	4													



2193

Figure 14.

ACCESSORY HOUSING AND RELATED PARTS
OIL PRESSURE SCREEN FILTER AND OIL COOLER BYPASS VALVE

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												LO-360	TO-360		
				0-360															
				B 2 A	C 1 A	C 1 A	C 1 F	C 1 A	C 2 A	C 2 C	D 2 E	F 1 A	A 1 6	G 6 D	C 1 A	D 6 D			
1	STD-294	GASKET, 7/8 OD x 5/8 ID x 3/32 annular		1	1	1	1	1	1	1	1	1	1						
2	69675	CONNECTOR, Accy. hsg. to oil cooler		1	1	1	1	1	1	1	1	1	1						
		inlet hose		1	1	1	1	1	1	1	1	1	1						
3	62417	PLUG, Oil cooler bypass				1			1	1	1								
4	STD-784	PLUG, 3/8 pipe, Allen		2	2	2	2	2	2	2	2	2	2						
5	71140*	FITTING, Breather		1	1	1	1	1	1	1	1	1	1						
	72413*	FITTING, Breather, 120° elbow															1		
6	MS20823-8	ELBOW, 1/2 flared tube, 3/8 pipe thd.												2					
7	AN844-10D	ELBOW, Pipe thd. & 5/8 ID hose, 45°												1					
8	MS29512-10+	SEAL, Oil, 3/32 section x 45/64 ID													1		1		
9	AN814-10L+	PLUG, Turbo drain back													1		1		
10	MS29512-10++	SEAL, Oil, 3/32 section x 45/64 ID															2		
11	LW-14828++	REDUCER, 1/2 tubing to 5/8 tubing															2		
12	STD-294*+	GASKET, 7/8 OD x 5/8 ID x 3/32 annular												2					
13	STD-294**+	GASKET, 7/8 OD x 5/8 ID x 3/32 annular												1					
	1540*+	PLUG, Thermometer well												2					
14	1540**+	PLUG, Thermometer well															1		
	62817	SCREEN ASSY., Oil pressure		1	1	1	1		1	1	1	1	1						
15	LW-10321	SPRING, Oil filter bypass valve												1			1		
16	61173	GASKET, Oil pressure housing		1	1	1	1		1	1	1	1	1						
17	76539	SEAT, Oil relief valve												1			1		
18	69510	HOUSING, Thermostatic valve and oil																	
19		pressure screen		1	1	1	1		1	1	1	1	1						
	LW-10320	SLEEVE, Oil filter bypass valve												1			1		
20	STD-294	GASKET, 7/8 OD x 5/8 ID x 3/32 annular		1	1	1	1		1	1	1	1	1						
21	STD-8	WASHER, 1/4 plain		4	4	4	4		4	4	4	4	4						
22	STD-1856	SCREW, 1/4-20 x 31/32-1.00 long,																	
23		hex. hd., slotted		4	4	4	4		4	4	4	4	4						
	MS16625-1100	RING, Internal retaining												1			1		
24	LW-13906	FILTER ASSY., Oil, short												1			1		
25	LW-13904	KIT, Converter plate, oil filter												1			1		
26	75944	VALVE ASSY., Temp. control oil																	
27		cooler bypass	1																
	LW-12795	GASKET, Oil filter adapter							2			2							
28	77852	OIL FILTER BASE ASSEMBLY							1			1							
29	LW-13215	OIL FILTER, Short (spin-on type)							1										
30	LW-13216	OIL FILTER, Long (spin-on type)							1								1		
31	STD-8	WASHER, 1/4 plain							4			4							
32	STD-160	WASHER, 1/4 lock, internal teeth							1			1							
33	STD-1411	NUT, 1/4-20 plain							1			1							
34	STD-1856	SCREW, 1/4-20 x 1.00 long,							3			3							
		hex. hd., self-locking							1			1							
35	25C-10	STUD, 1/4-20 x 1-1/4 long																	

* Assemble in accessory housing.

** Assemble in accessory housing breather hole.

+ Assemble in accessory housing at accessory oil return boss.

++ Assemble in oil cooler inlet and outlet bosses.

+ + Assemble in accessory housing at oil temp. and oil press. bosses.

** + Assemble in accessory housing at top oil temp. boss.

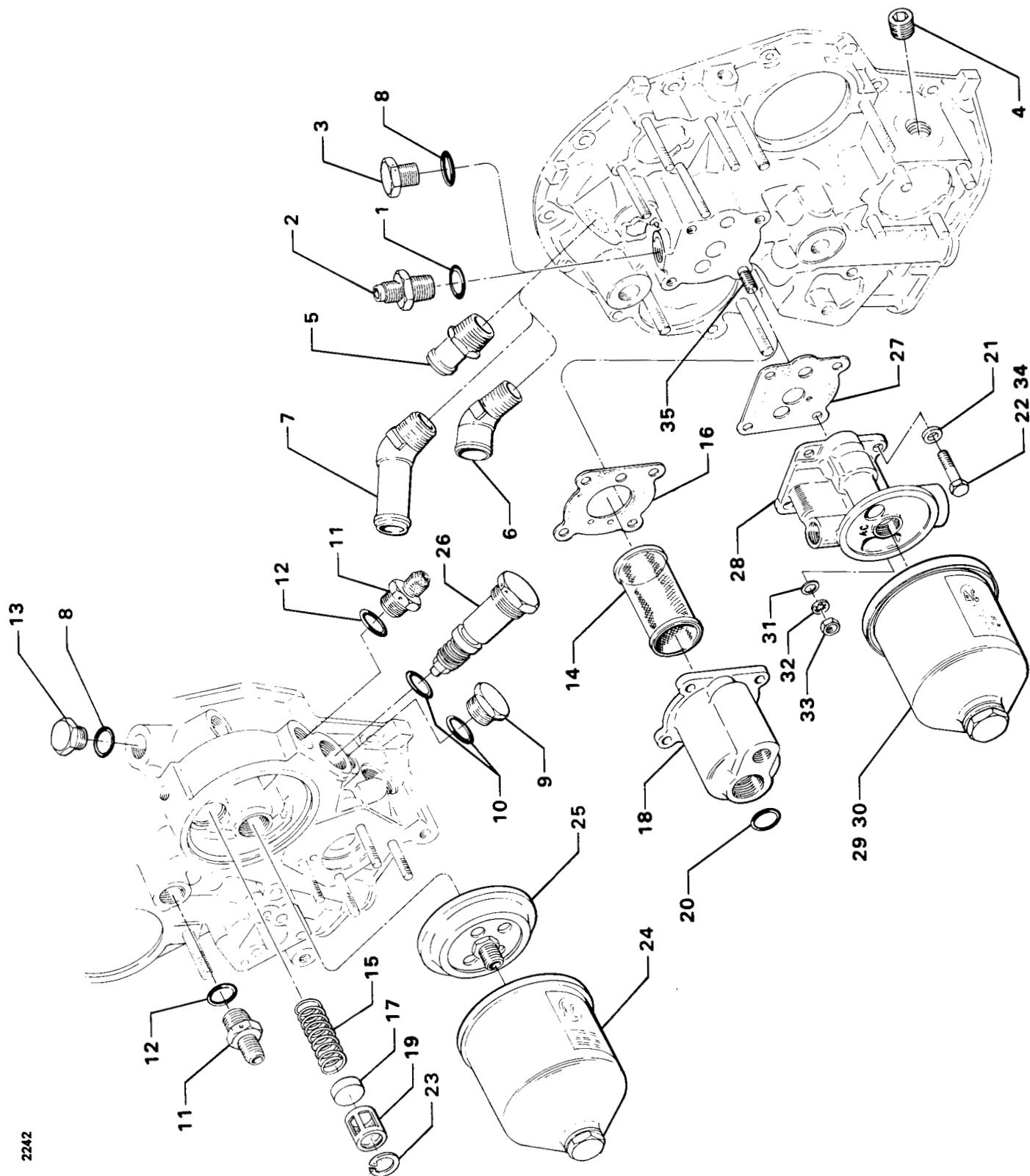
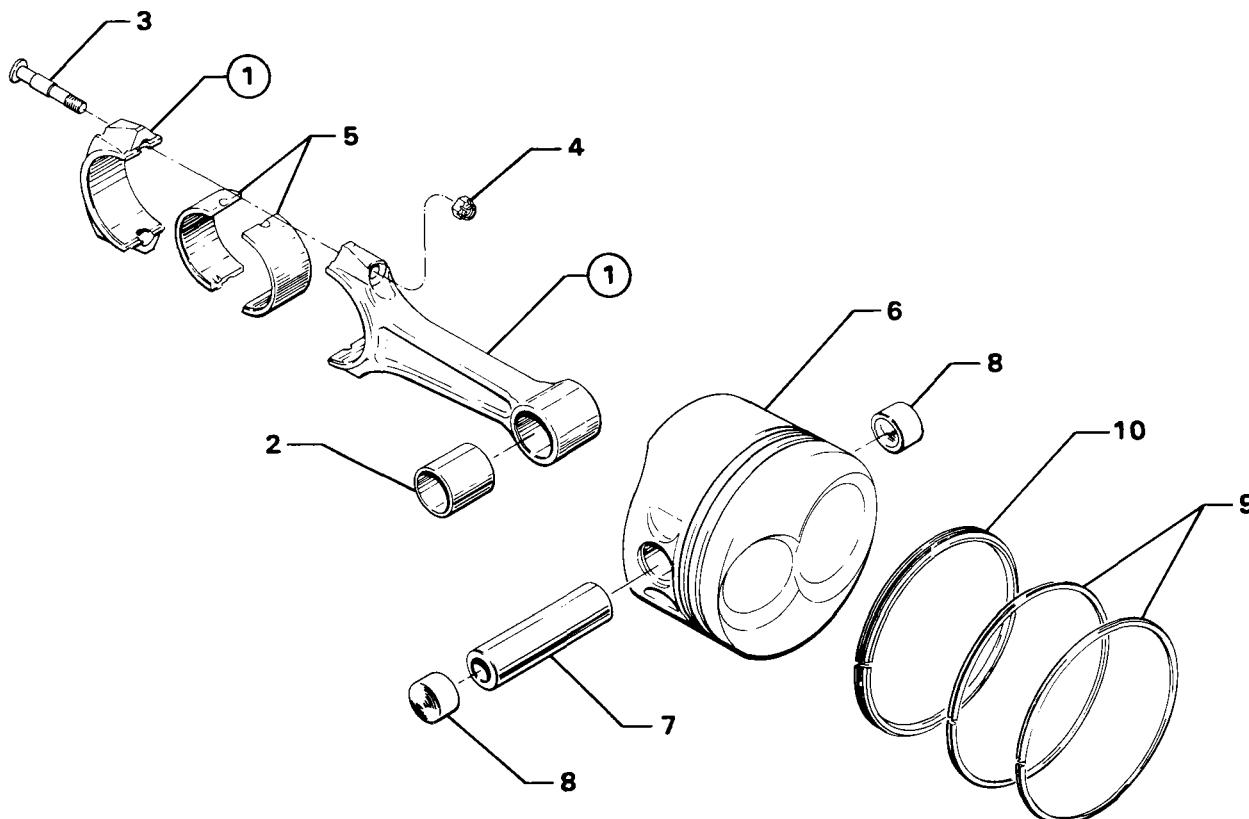


Figure 15 - Oil Pressure Screen Filter and Oil Cooler Bypass Valve

CYLINDER, PISTON AND VALVE TRAIN
 CONNECTING ROD, PISTONS, AND RING ASSEMBLIES

FIG. REF. 16	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360												
				B 2 A	C 1 A	C 1 C	C 1 E	C 2 F	C 2 A	C 2 C	D 2 E	F 1 A	A 1 6	G 6 D	C 1 A	A 6 D
1	LW-11750	CONNECTING ROD ASSY.		4	4	4	4	4	4	4	4	4	4	4	4	
	LW-13422	CONNECTING ROD ASSY.														4
2	LW-13923	BUSHING, Connecting rod, upper	4													4
3	75061	BOLT, Connecting rod		8	8	8	8	8	8	8	8	8	8			
	LW-12596	BOLT, Connecting rod														8
	LW-12595	BOLT, Connecting rod														8
4	LW-12186	NUT, Connecting rod bolt	8													
5	LW-13521	BEARING, Connecting rod		8	8	8	8	8	8	8	8	8	8			
	LW-13209	BEARING, Connecting rod														8
6	75089	PISTON, Comp. ratio 8.50:1		4	4	4	4	4	4	4	4	4	4			
	75413	PISTON, Low compression		4								4				
	LW-10545	PISTON, Comp. ratio 7.3:1														4
7	LW-14078	PIN, Piston		4	4	4	4	4	4	4	4	4	4	4		
	LW-14077	PIN, Piston														4
8	60828	PLUG, Piston pin		8	8	8	8	8	8	8	8	8	8			
	LW-11775	PLUG, Piston pin														8
9	74241	RING, Piston, compression	8													
10	73857	RING, Piston, oil regulating, expander type		4												


Figure 16.

CYLINDER, PISTON AND VALVE TRAIN
CYLINDER ASSEMBLY

FIG. REF. 17	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				0-360				LO-360				TO-360					
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 1	F 1	A 6	A 1	G 6	D D
1	LW-12427	CYLINDER AND HEAD ASSY., Nitrided		4	4	4	4	4	4	4	4	4	4	4	4		
	LW-13964	CYLINDER AND HEAD ASSY., Nitrided															4
2	72057	SEAT, Intake valve		4	4	4	4	4	4	4	4	4	4	4	4		
	LW-12688	SEAT, Intake valve															4
3	72058	SEAT, Exhaust valve		4	4	4	4	4	4	4	4	4	4	4	4		
	71894	SEAT, Exhaust valve															4
4	61681	GUIDE, Valve, intake		4	4	4	4	4	4	4	4	4	4	4	4		
	76077	GUIDE, Valve, intake															4
5	74230	GUIDE, Valve, exhaust		4	4	4	4	4	4	4	4	4	4	4	4		
	LW-14045	GUIDE, Valve, exhaust (ni-resist)															4
6	66796	INSERT, Spark plug, 18-1.5MM		8	8	8	8	8	8	8	8	8	8	8	8		
7	69260	INSERT, Spark plug (long reach)															8
8	STD-1872	INSERT, 1/8-27 Heli-coil taper, pipe thd.		8	8	8	8	8	8	8	8	8	8	8	8		
9	72706	INSERT, Heli-coil, 1/4-20 NC x 3/8 long, self-locking															8
10	31C-12	STUD, 5/16-18 x 1-1/2 long		8	8	8	8	8	8	8	8	8	8	8	8		
11	25C-8	STUD, 1/4-20 x 1.00 long															8
12	25C-9	STUD, 1/4-20 x 1-1/8 long		4	4	4	4	4	4	4	4	4	4	4	4		
13	MS20823-6D	ELBOW, 45°, 3/8 flared tube		4	4	4	4	4	4	4	4	4	4	4	4		
14	66610	BUSHING, Rocker shaft		16	16	16	16	16	16	16	16	16	16	16	16		16
15	66670	BUSHING, Rocker shaft, inner															16
16	25C-10	STUD, 1/4-20 x 1-1/4 long															16
17	STD-1353	INSERT, Heli-coil, no. 10-24 x 3/8 long, notched															8
18	LW-13123	BAFFLE, Center fin pack															4
19	STD-8	WASHER, 1/4 plain															4
20	STD-1925	SCREW, 1/4-20 x 5/8 long, pan. hd. self-locking															4
21	1102	PLUG, 1/8 pipe		4	4	4	4	4	4	4	4	4	4	4	4		8

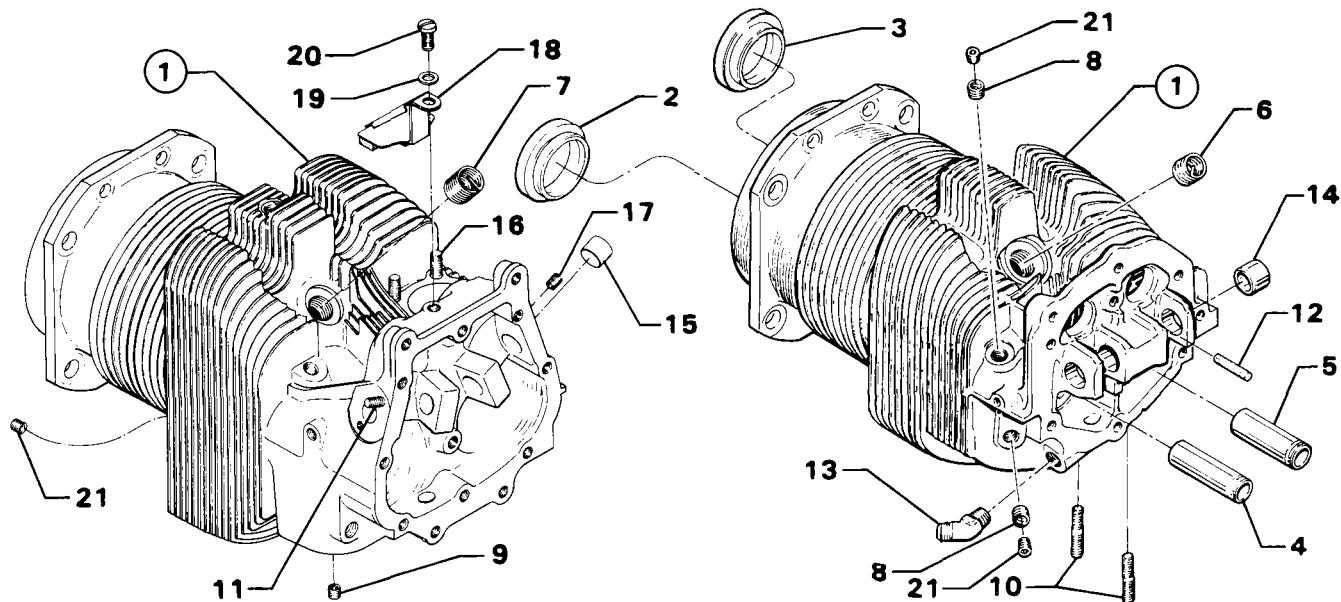
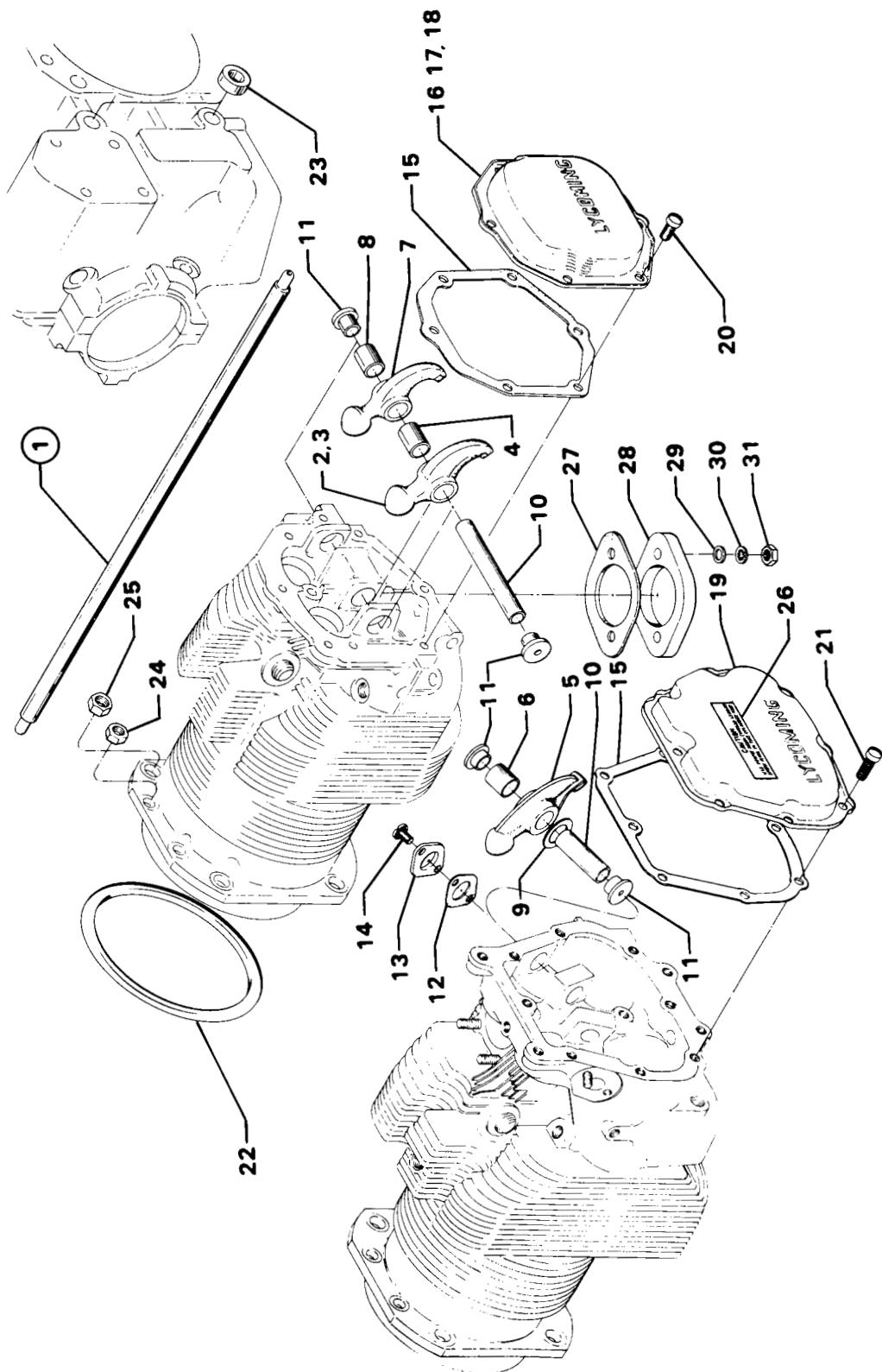


Figure 17.

CYLINDER, PISTON AND VALVE TRAIN
CYLINDER RELATED PARTS

FIG. REF. 18	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				O-360				LO-360				TO-360			
				B 2	C 1	C 1	C 1	C 2	C 2	C 2	F 1	A 1	G 6	A 6	C D
1	73434	ROD ASSY., Push - A total		un	un	un	un	un	un	un	un	un	un	un	
	73435	ROD ASSY., Push - of 8		un	un	un	un	un	un	un	un	un	un	un	
	73436	ROD ASSY., Push - push rods		un	un	un	un	un	un	un	un	un	un	un	
	73437	ROD ASSY., Push - required		un	un	un	un	un	un	un	un	un	un	un	
	73462	ROD ASSY., Push - A total												un	
	73463	ROD ASSY., Push - of 8 push												un	
	73464	ROD ASSY., Push - rods required												un	
2	69444	ROCKER ASSY., Valve, intake		4	4	4	4	4	4	4	4	4	4	4	4
3	72117	ROCKER ASSY., Valve										8			
4	60398	BUSHING, Valve rocker		4	4	4	4	4	4	4	4	4	4	4	4
	60398	BUSHING, Valve rocker										8			
5	76266	ROCKER ASSY., Valve													8
6	76242	BUSHING, Valve rocker													8
7	74636	ROCKER ASSY., Valve, exhaust		4	4	4	4	4	4	4	4	4	4	4	4
8	74637	BUSHING, Valve rocker, exhaust		4	4	4	4	4	4	4	4	4	4	4	4
9	71549	WASHER, Valve rocker thrust													8
10	LW-13790	SHAFT, Valve rocker		4	4	4	4	4	4	4	4	4	4	4	4
	72626	SHAFT, Valve rocker													8
11	LW-12892	THRUST BUTTON, Rocker shaft		8	8	8	8	8	8	8	8	8	8	8	8
	LW-11665	THRUST BUTTON, Rocker shaft													16
12	66732	GASKET, Valve rocker shaft cover													8
13	72710	COVER, Valve rocker shaft													8
14	72709	SCREW, 1/4-20 x 5/8 long, self-sealing													8
15	75906	GASKET, Rocker box cover		4	4	4	4	4	4	4	4	4	4	4	4
	76036	GASKET, Rocker box cover													4
16	61247	COVER, Rocker box		4	4	4	4	4	4	4	4	4	4	4	4
17	72310	COVER ASSY., Rocker box (left)										2			
18	72380	COVER ASSY., Rocker box (right)										2			
19	LW-14433	COVER ASSY., Rocker box													4
20	STD-1925	SCREW, 1/4-20 x 5/8 long, pan. hd., self-locking							24	24	24	24	24	24	24
21	STD-2059	SCREW, 1/4-20 x 11/16 long, pan. hd., self-locking													32
22	71481	RING, Oil seal, 3/32 dia. x 4-27/32 ID		4											
23	74887	SPACER, 33/64 ID x 7/8 OD x 3/8 thick			2										
24	383-B	NUT, 3/8-24 plain		16											
25	STD-2090	NUT, 1/2-20 plain		18											4
26	74494	PLATE, Spark plug reach caution													
27	65321	GASKET, Exhaust flange		4	4	4	4	4	4	4	4	4	4	4	4
	77611	GASKET, Exhaust flange													4
28	61260	FLANGE, Exhaust, stainless		4	4	4	4		4	4	4	4			
29	STD-35	WASHER, 5/16 plain		8	8	8	8	8	8	8	8	8	8	8	8
30	STD-475	WASHER, 5/16 lock, internal teeth		8	8	8	8	8	8	8	8	8	8	8	8
31	STD-1410	NUT, 5/16-18 plain		8	8	8	8	8	8	8	8	8	8	8	8



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Figure 18 - Cylinder Related Parts

CYLINDER, PISTON AND VALVE TRAIN
 VALVE ASSEMBLY

FIG. REF. 19	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				0-360				LO-360				TO-360			
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A 6	A 1 G 6 D	C 1 A 6 D
1	73938	VALVE, Intake		4	4	4	4	4	4	4	4	4	4		4
	LW-13262	VALVE, Intake (hollow stem) rotator type													4
2	74541	VALVE, Exhaust (rotator type)		4	4	4	4	4	4	4	4	4	4		4
	LW-15732	VALVE, Exhaust (rotator type)													4
3	LW-11795	SPRING, Valve, inner		8	8	8	8	8	8	8	8	8		8	
4	LW-11797	SPRING, Valve, auxiliary													8
5	LW-11800	SPRING, Valve, outer		8	8	8	8	8	8	8	8	8		8	
	LW-11796	SPRING, Valve, outer													8
6	65441	SEAT, Valve spring, lower, intake		4	4	4	4	4	4	4	4	4	4		4
	LW-14893	SEAT, Valve spring, lower, intake													4
7	LW-13323	SEAT, Valve spring, lower, exhaust		4	4	4	4	4	4	4	4	4	4		4
	LW-14894	SEAT, Valve spring, lower, exhaust													4
8	LW-10077	SEAT, Valve spring, upper, intake		4	4	4	4	4	4	4	4	4	4		4
	69532	SEAT, Valve spring, upper, intake													4
9	LW-16475	SEAT, Valve spring, upper, exhaust (rotator type)	4												
10	60009	KEY, Valve, intake		8	8	8	8	8	8	8	8	8		8	
	72050	KEY, Valve, intake													8
11	MS13997-3	KEY, Valve, exhaust (rotator type)	8												
12	62388	CAP, Valve stem													4
13	MS13998-3	CAP, Valve stem, exhaust (rotator type)	4												
14	78290	PLUNGER ASSY., Hydraulic tappet	8												
15	78524	SOCKET, Push rod, hydraulic tappet	8												
16	LW-11485	TUBE, Push rod shroud		8	8	8	8	8	8	8	8	8		8	
17	LW-14018	TUBE ASSY., Push rod shroud													8
18	LW-14995	SPRING, Shroud tube		4	4	4	4	4	4	4	4	4		4	
19	LW-13565	SPRING, Shroud tube													8
20	LW-12272	LOCKPLATE, Shroud tube		4	4	4	4	4	4	4	4	4		4	
21	LW-13618	SPACER, Shroud tube													8
22	STD-1411	NUT, 1/4-20 plain		4	4	4	4	4	4	4	4	4		4	
23	LW-13619	WASHER, 25/32 ID x 1-1/4 OD x .040 - .046 thick													8
24	62922	SEAL, Shroud tube		8	8	8	8	8	8	8	8	8		8	
25	70310	SEAL, Shroud tube		8	8	8	8	8	8	8	8	8		8	16

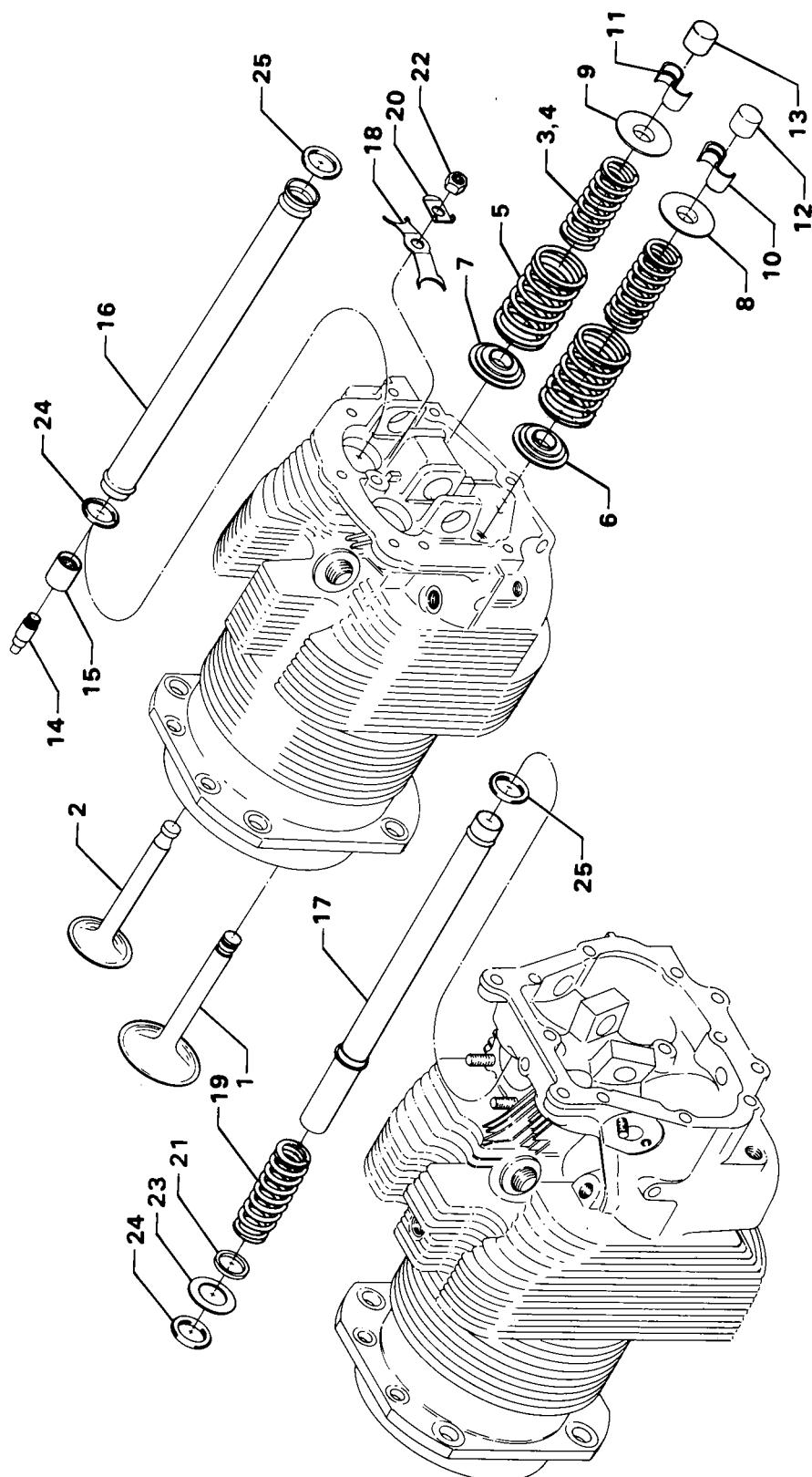
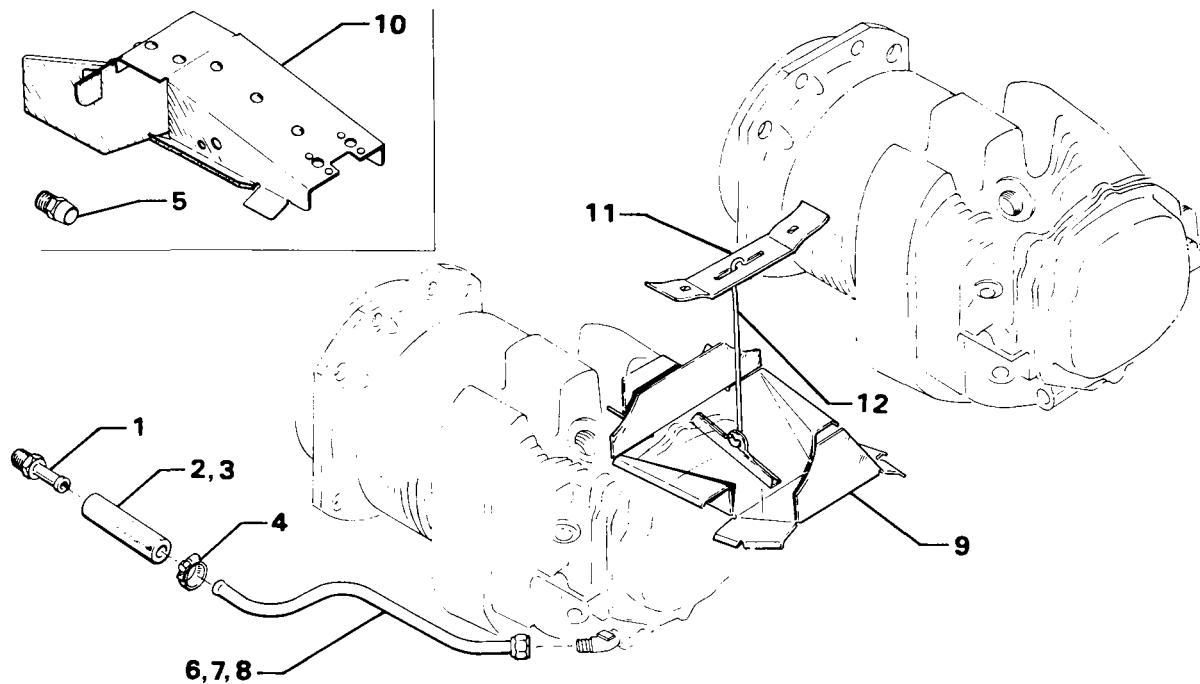


Figure 19.

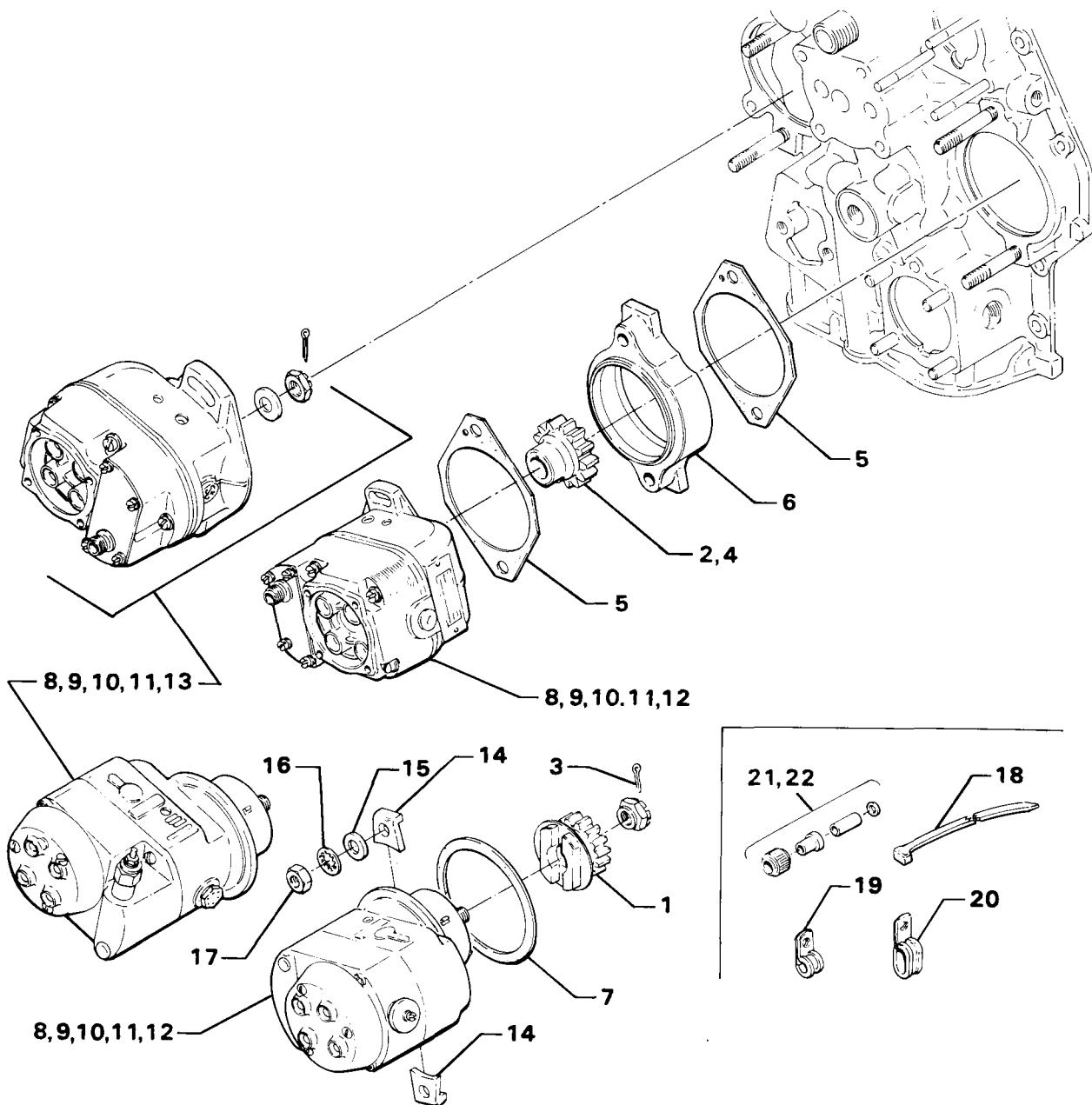
CYLINDER, PISTON AND VALVE TRAIN
CYLINDER HEAD DRAIN TUBES AND INTERCYLINDER COOLING BAFFLES

FIG. REF. 20	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				0-360						LO-360			TO-360		
				B 2 A	C 1 A	C 1 C	C 1 E	C 2 F	C 2 A	C 2 C	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A
1	STD-684	NIPPLE, Straight, 3/8 ID hose	4												
2	STD-1821	HOSE, 3/8 ID x 2-1/2 long		4	4	4	4	4	4	4	4	4	4	4	
3	STD-2180	HOSE, 3/8 ID x 1-13/16 long													4
4	LW-15592-5-05	CLAMP, Hose	8												
5	STD-1223	NIPPLE, 3/8 tube x 1/4 NPT													4
6	68759	TUBE ASSY., Cyl. head oil drain, cyl. no. 1		1	1	1	1	1	1	1	1	1	1	1	
	LW-13976	TUBE ASSY., Cyl. head oil drain, cyl. no. 1													1
7	68760	TUBE ASSY., Cyl. head oil drain, cyl. no. 2		1	1	1	1	1	1	1	1	1	1	1	
	LW-13977	TUBE ASSY., Cyl. head oil drain, cyl. no. 2													1
8	68761	TUBE ASSY., Cyl. head oil drain, cyls. no. 3 and 4		2	2	2	2	2	2	2	2	2	2	2	
	LW-13978	TUBE ASSY., Cyl. head oil drain, cyls. no. 3 and 4													2
9	75339	BAFFLE ASSY., Intercylinder		2	2	2	2	2	2	2	2	2	2	2	
	LW-14833	BAFFLE ASSY., Intercylinder													1
10	LW-15695	BAFFLE ASSY., Intercylinder, no. 1 and 3 cyls.													1
11	71611	RETAINER, Intercylinder baffle	2												
12	71610	HOOK, Intercylinder baffle retainer	2												


Figure 20.

IGNITION SYSTEM
 MAGNETO DRIVES AND MAGNETOS

FIG. REF. 21	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												LO-360	TO-360	
				0-360														
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A	A 6 D	
1	61665	GEAR, Magneto, impulse coupling		1	1	1	1	1	1	1	1	1	1					
	61665	GEAR, Magneto, impulse coupling				2		2		2		2						
2	72495	GEAR, Magneto, retard breaker				1				1								
3	STD-761	COTTER PIN, 3/32 dia. x 1.00 long					1	1			1							
	STD-761	COTTER PIN, 3/32 dia. x 1.00 long						2		2		2						
4	61163	GEAR, Magneto		1	1	1	1	1	1	1	1	1	1					
5	62224	GASKET, Magneto adapter and magneto		3	3	2	1	1	3	2	1	3						
	62224	GASKET, Magneto adapter and magneto					2		4		2		2					
6	LW-12706	ADAPTER, Magneto, impulse coupling		1	1	1	1	1	1	1	1	1	1					
	LW-12706	ADAPTER, Magneto, impulse coupling					2		2		2		2					
7	LW-12681	GASKET, Magneto				2	2			2		2						
8	LW-51360-29	MAGNETO, S4LN-20		1	1				1			1						
9	LW-51360-37	MAGNETO, Impulse coupling, S4LN-21		1	1				1			1						
	LW-51360-37	MAGNETO, Impulse coupling, S4LN-21							2									
10	LW-163045-3	MAGNETO, S4LN-204				1				1								
11	LW-163005-2	MAGNETO, Retard breaker, S4LN-200				1				1								
12	LW-15635	MAGNETO AND HARNESS ASSY., Right																
	(Slick)						1	1			1							
	LW-15636	MAGNETO, Right (Slick model 4250)					1	1			1		1					
	77743	HARNESS ASSY., Ignition, right					1	1			1							
	LW-16591	MAGNETO AND HARNESS ASSY.,																
	Right (Slick)						1			1								
	LW-15638	MAGNETO, Right (Slick model 4251, impulse coupling)						1		1								
	77743	HARNESS ASSY., Ignition, right						1		1								
	LW-16651	MAGNETO AND HARNESS ASSY.,																
	Right (Slick)											1						
	LW-15638	MAGNETO, Right (Slick model 4251, impulse coupling)										1						
	LW-16550	HARNESS ASSY., Ignition, right											1					
13	LW-15637	MAGNETO AND HARNESS ASSY.,																
	Left (Slick)						1	1		1								
	LW-15638	MAGNETO, Left (Slick model 4251, impulse coupling)						1	1	1								
	77745	HARNESS ASSY., Ignition, left						1	1	1								
	LW-16650	MAGNETO AND HARNESS ASSY.,																
	Left (Slick)											1						
	LW-15638	MAGNETO, Left (Slick model 4251, impulse coupling)										1						
	LW-16549	HARNESS ASSY., Ignition, left										1						
14	76961	CLAMP, Magneto						4	4		4		4		4			
15	STD-1727	WASHER, Plain, 3/4 OD x 21/64 ID			x 1/8 thick			4	4	4	4	4	4	4	4			
16	STD-475	WASHER, 5/16 lock, internal teeth						4	4	4	4	4	4	4	4			
17	STD-1410	NUT, 5/16-18 plain						4	4	4	4	4	4	4	4			
18	76734	ZIP STRAPS							8	8		8		8				
19	LW-620026-2	CLIP, 1 wire							2	2		2		2				
20	LW-14060	CLIP, 2 wire							3	3		3		3				
21	LW-52305-1	KIT ASSY., Magneto ground terminal						2	2		2							
	LW-157209	KIT ASSY., Magneto ground terminal							2		2							
22	LW-157208	KIT ASSY., Magneto retard terminal							1		1							



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Figure 21 - Magneto Drives and Magnets

IGNITION SYSTEM
MAGNETO DRIVES AND MAGNETOS (DUAL MAGNETOS)

FIG. REF. 22	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				0-360						LO-360				TO-360			
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	C 1	
1	LW-13643	GEAR, Retainer, magneto drive														1	1
2	LW-13641	CUSHION, Magneto drive														2	2
3	LW-12681	GASKET, Magneto														1	1
4	LW-385124-118	MAGNETO, Ignition system, impulse D4LN-2021															1
	LW-382555-13	MAGNETO, Ignition															1
	LW-384407-303	HARNESS, Ignition, 3/4-20 spark plug term. st. fittings															1
	LW-385124-112	MAGNETO, Ignition system, impulse D4LN-2021														1	
	LW-382555-14	MAGNETO, Ignition, 20° lag angle														1	
	LW-684400-303	HARNESS, Ignition, 3/4-20 spark plug term. st. fittings														1	
	LW-385164-112	MAGNETO, Ignition system, impulse D4RN-2021														1	
	LW-382555-141	MAGNETO, Ignition, 20° lag angle														1	
	LW-684400-305	HARNESS, Ignition, 3/4-20 spark plug term. st. fittings														1	
5	75965	CLAMP, Magneto														2	2
6	STD-475	WASHER, 5/16 lock, internal teeth														2	2
7	STD-1410	NUT, 5/16-18 plain														2	2
8	76734	ZIP STRAP														15	26
9	STD-692	SCREW, No. 10-32														2	
10	STD-670	NUT, Self-lock														2	
11	LW-14875	BRACKET, Extension														1	
12	LW-16266-10-75	CLAMP														1	
13	LW-620026-2	CLIP, One wire (top leads)														2	
14	LW-620026-2	CLIP, One wire for 1/4 screw (bottom leads)														3	
15	LW-320298-2	CLIP, Two wire for 1/4 screw (bottom leads)														2	2
16	73971	CLIP, 1/2 ID for 1/4 screw															2
17	LW-620028-1	CLIP, Two wire for no. 10-32 screw (baffle attach loose)														1	
18	LW-320298-2	CLIP, 1/4 ID for 1/4 dia. screw (bottom leads)														2	
19	LW-620036-1	CLIP, Six wire for 1/4 screw (accessory housing)														1	
20	LW-320300-1	CLIP, Four wire for no. 10-32 screw (1 at crankcase split, 1 at shroud tube)														2	
	LW-620032-1	CLIP, Four wire for no. 10-32 screw (1 at crankcase split, 1 at shroud tube)														2	
21	STD-1874	SCREW, 1/4-20 x 7/8 long														5	2
22	STD-8	WASHER, 1/4 plain														10	4
23	LW-157209	KIT, Magneto ground terminal														2	2

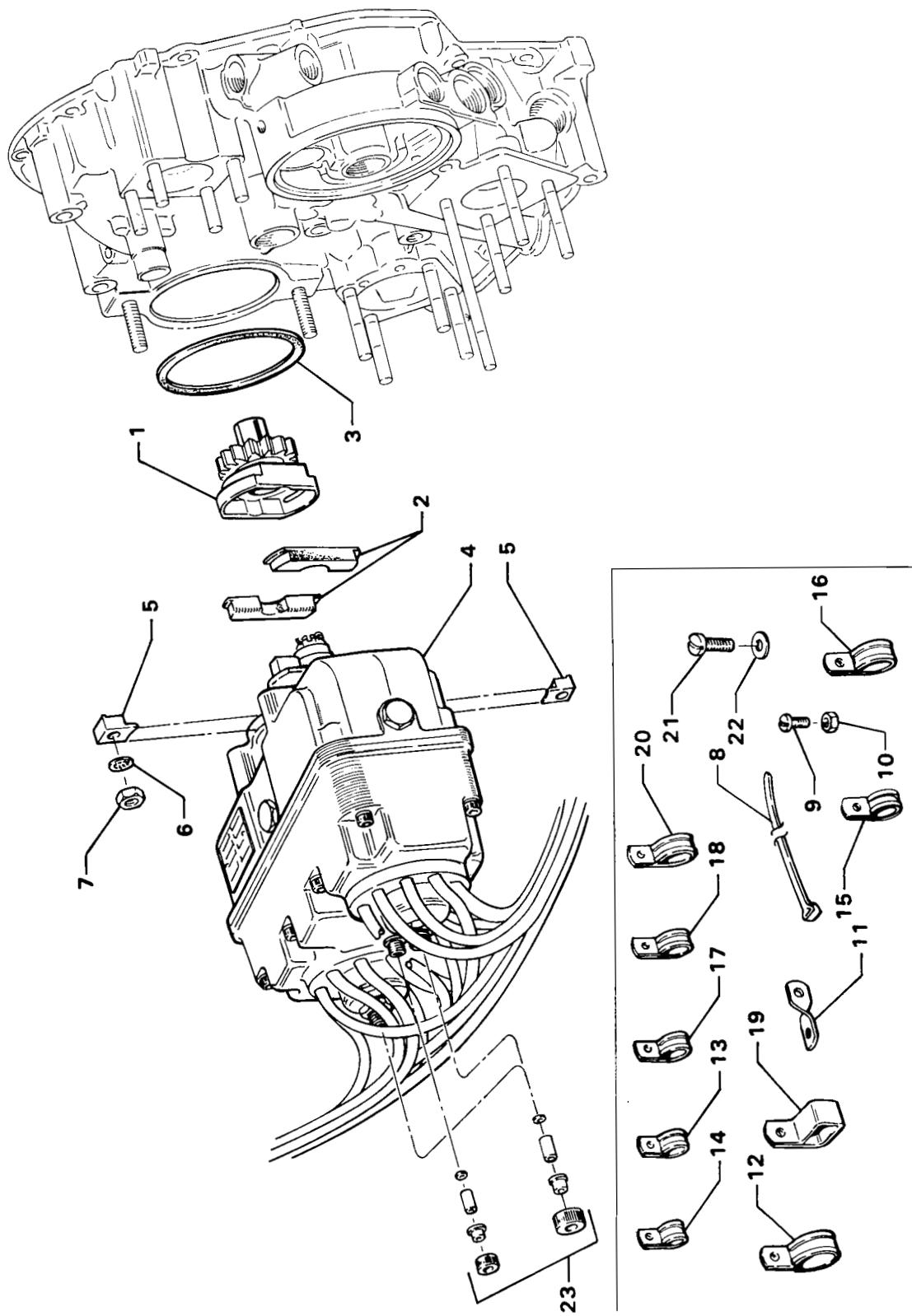


Figure 22 - Magnetos Drives and Magnetos (Dual Magnetos)

IGNITION SYSTEM
IGNITION HARNESS AND LEAD ASSEMBLY (TEXTRON LYCOMING)

FIG. REF. 23	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												0-360		LO-360		TO-360	
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A	D 6 D				
1	78539	CABLE ASSY., Ignition, shielded harness			1	1	1			1	1	1									
2	LW-10811	TERMINAL, Spark plug wire		8	8	8			8	8	8										
3	LW-10814	SPRING, Spark plug terminal		8	8	8			8	8	8										
4	LW-10812	COLLAR, (Silicone) spark plug terminal			8	8	8			8	8	8									
5	76757	NUT, 5/8-24			8	8	8			8	8	8									
6	LW-10389	ELBOW, 70°			8	8	8			8	8	8									
7	76753	SLEEVE, Ring plastic			4	4	4			4	4	4									
8	76754	PLATE, Spark plug cable			2	2	2			2	2	2									
9	LW-10400	FERRULE, Braid, retaining			16	16	16			16	16	16									
10	76728	SLEEVE			8	8	8			8	8	8									
11	76852	GROMMET, Magneto			2	2	2			2	2	2									
12	73245	EYELET			8	8	8			8	8	8									
13	75941	IDENTIFICATION, Tape, ignition			1	1	1			1	1	1									
14	76853	MAGNETO PLATE			2	2	2			2	2	2									
15	72453	CLAMP, 1-3/4 ID with 11/32 dia. offset			4	4	4			4	4	4									
16	STD-553	SCREW, No. 6-32 x 1/2 long, rd. hd.			4	4	4			4	4	4									
17	AN365-632A	NUT, No. 6-32 self-locking			4	4	4			4	4	4									
18	72351	SCREW, No. 10-32 self-locking			8	8	8			8	8	8									
19	61385	CLIP, Ignition on cable			2	2	2			2	2	2									
20	STD-8	WASHER, 1/4 plain			2	2	2			2	2	2									
21	STD-160	WASHER, 1/4 lock, internal teeth			2	2	2			2	2	2									
22	AN500-416-18	SCREW, 1/4-20 x 1-1/8 long, fill. hd.			1	1	1			1	1	1									
23	STD-1215	SCREW, 1/4-20 x 1-1/4 long, fill. hd.			1	1	1			1	1	1									
24	STD-1411	NUT, 1/4-20 plain			2	2	2			2	2	2									
25	STD-696	WASHER, 1/4 plain (thin)			un	un	un			un	un	un									
*	76923-48S70-63	LEAD ASSY., Replacement, top and bottom leads (78539 harness)			un	un	un			un	un	un									

* Replacement lead assemblies have spark plug terminal end assembled and are shipped with necessary parts to complete magneto end assembly after being cut to proper length.

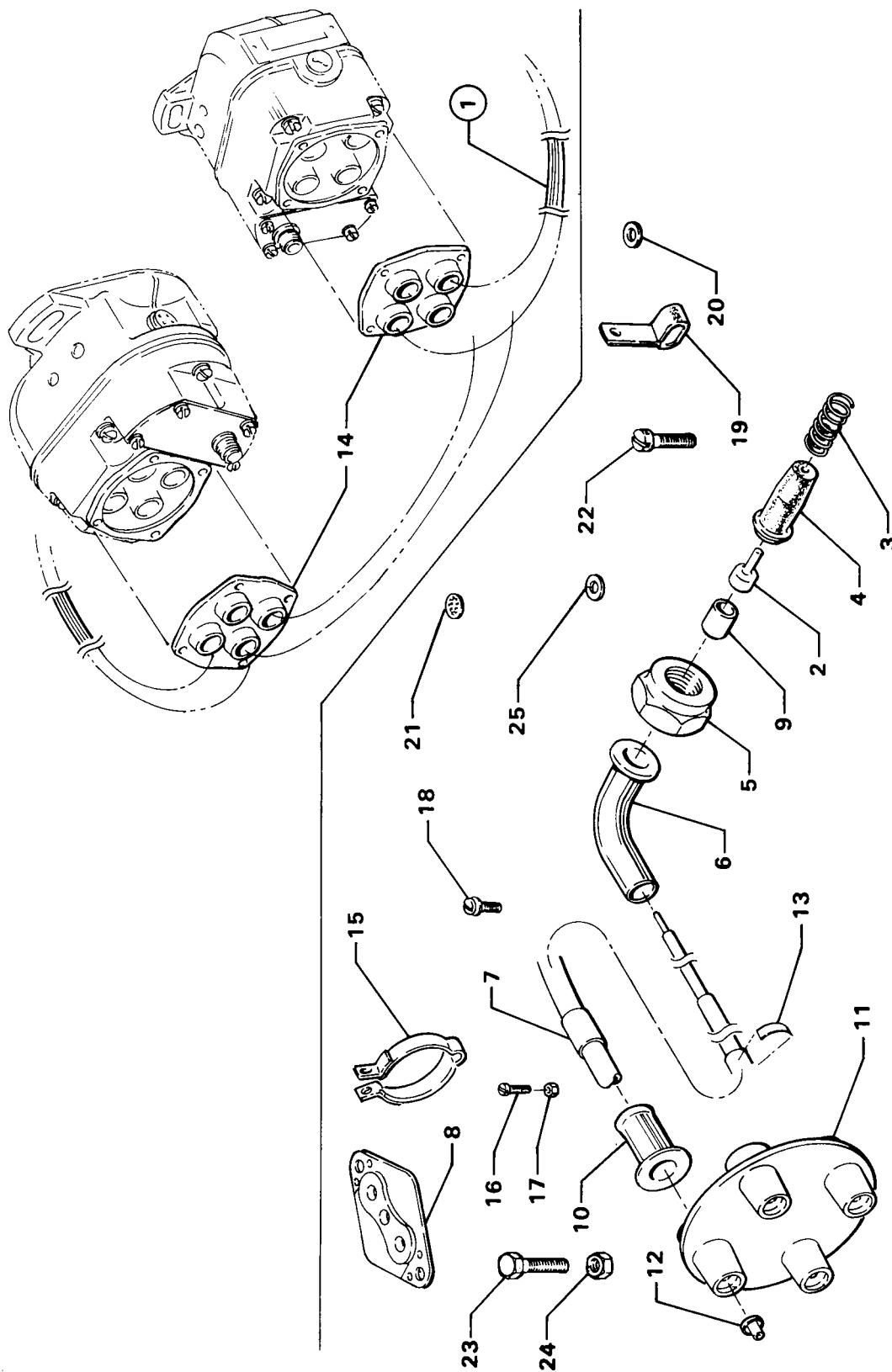


Figure 23 - Ignition Harness and Lead Assembly (Textron Lycoming)

IGNITION SYSTEM
 IGNITION HARNESS AND LEAD ASSEMBLY (SLICK)

FIG. REF. 24	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY													
				0-360												LO-360	
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A	D 6 D
1	LW-M-2403	HARNESS ASSY., Left magneto				1				1			1				
2	LW-M-2404	HARNESS ASSY., Right magneto				1				1			1				
3	LW-M-2375	PLATE, Spark plug cable				2				2			2				
4	72351	SCREW, No. 10-32 self-locking				8				8			8				
5	LW-14060	CLIP, Two wire for 1/4 screw				2				2			2				
6	STD-8	WASHER, 1/4 plain				2				2			2				
7	STD-160	WASHER, 1/4 lock, internal teeth				2				2			2				
8	AN500-416-18	SCREW, 1/4-20 x 1-1/8 long, fill. hd.				1				1			1				
9	STD-1215	SCREW, 1/4-20 x 1-1/4 long				1				1			1				
10	STD-1411	NUT, 1/4-20 plain				2				2			2				
11	71910	CLAMP, 1-3/4 ID				4				4			4				
12	STD-553	SCREW, No. 6-32 x 1/2 long, rd. hd.				4				4			4				
13	AN365-632A	NUT, No. 6-32 self-locking				4				4			4				
14	76734	ZIP STRAP				2				2			2				
*	M-1985-48	LEAD ASSY., Replacement top and bottom leads (LW-M-2403 and LW-M-2404 harnesses)								un			un				

* Replacement lead assemblies have spark plug terminal ends assembled and are supplied with necessary parts to complete magneto end assembly after being cut to proper length.

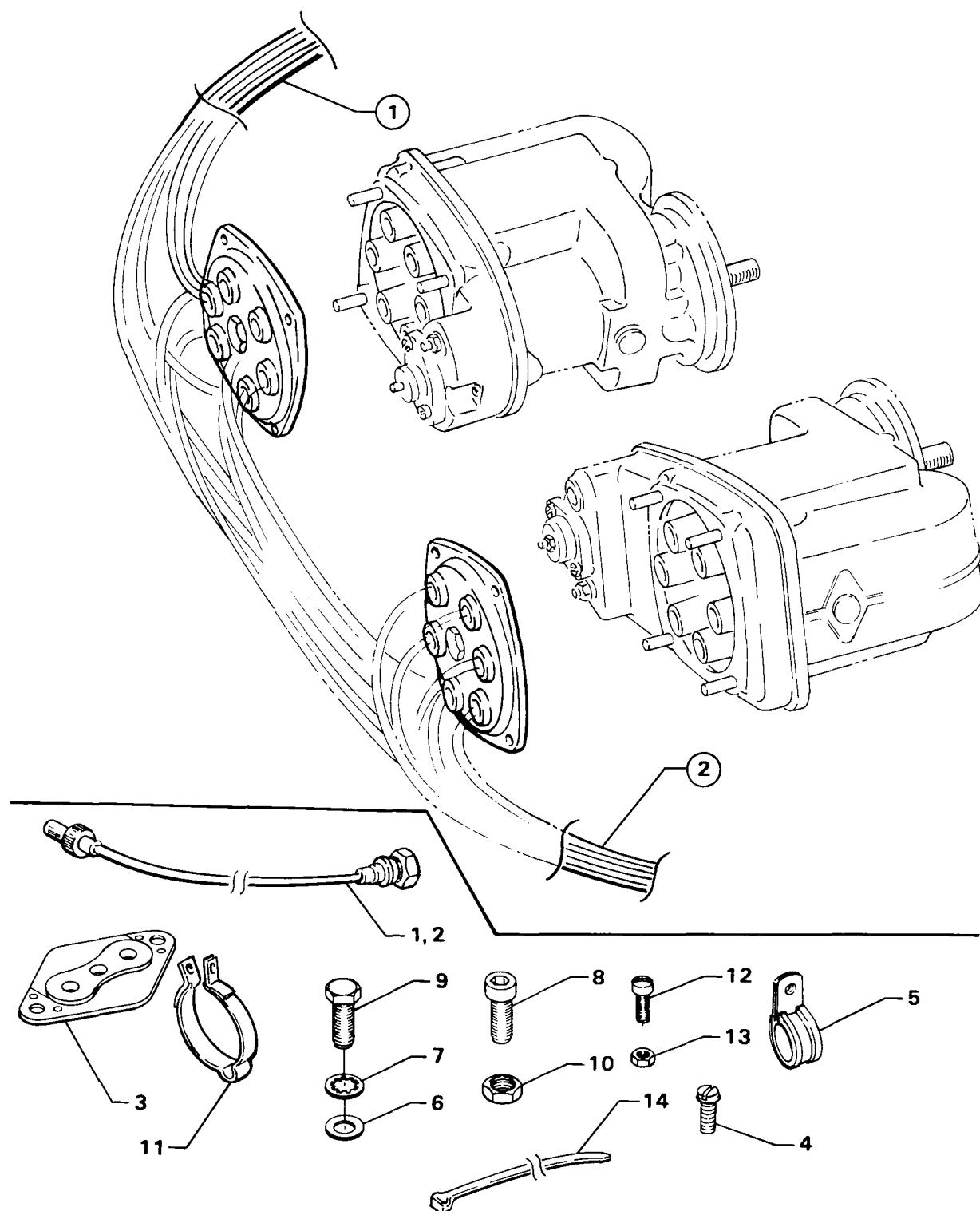


Figure 24 - Ignition Harness and Lead Assembly (Slick)

IGNITION SYSTEM
SPARK PLUGS

FIG. REF. 25	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				0-360											
				B 2 A	C 1 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 6
1	1182-B3	SPARK PLUG, (Champion REM-40E), high compression, shielded			8	8	8	8	8	8	8	8			
	1182-B6	SPARK PLUG, (Champion EM-41E), low compression, shielded			8							8			
	1182-D4	SPARK PLUG, (Champion RHM-38E), all weather										8		8	
	1182-U5	SPARK PLUG, (Champion RHB-32E), long reach													8

NOTE

The above spark plugs are those used in current production only; this list does not include additional spark plugs that are approved for use in these engines. See latest edition of Service Instruction No. 1042 for complete listing of all approved spark plugs.

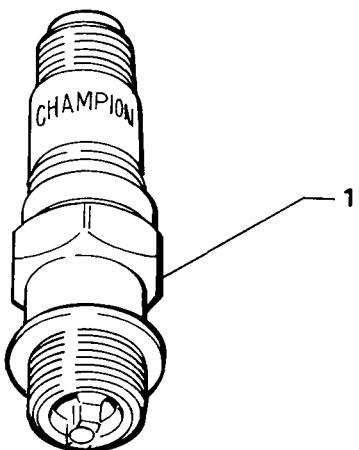


Figure 25.

ELECTRICAL COMPONENTS
 VOLTAGE REGULATORS, RELAYS, ALTERNATOR AND GENERATOR DRIVE BELTS

FIG. REF. 26	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				O-360			LO-360			TO-360					
				B	C	C	C	C	C	D	F	A	G	C	
1	72205	REGULATOR, Voltage (12V - 20 Amp.)				1		1	1						
	62833	REGULATOR, Voltage (12V - 35 Amp.)			1										
	71745	REGULATOR, Voltage (12V - 50 Amp.)		1	1										
	74291	REGULATOR, 12V., full transistor							1						
	LW-10185	REGULATOR, 12V., full transistor			1		1	1		1	1				
	LW-10179	REGULATOR, 24V., full transistor							1						1
	LW-15895	REGULATOR, 12V., transistorized					1			1					
2	74661	RELAY, Overvoltage, 12V.								1					
	78059	RELAY, Overvoltage, 12V.			1						1				
	78060	RELAY, Overvoltage, 24V.							1						1
3	60886	BELT, Generator drive			1	1	1		1	1					
4	76026	BELT, Alternator drive (3/8 wide)			1	1	1	1	1	1					1

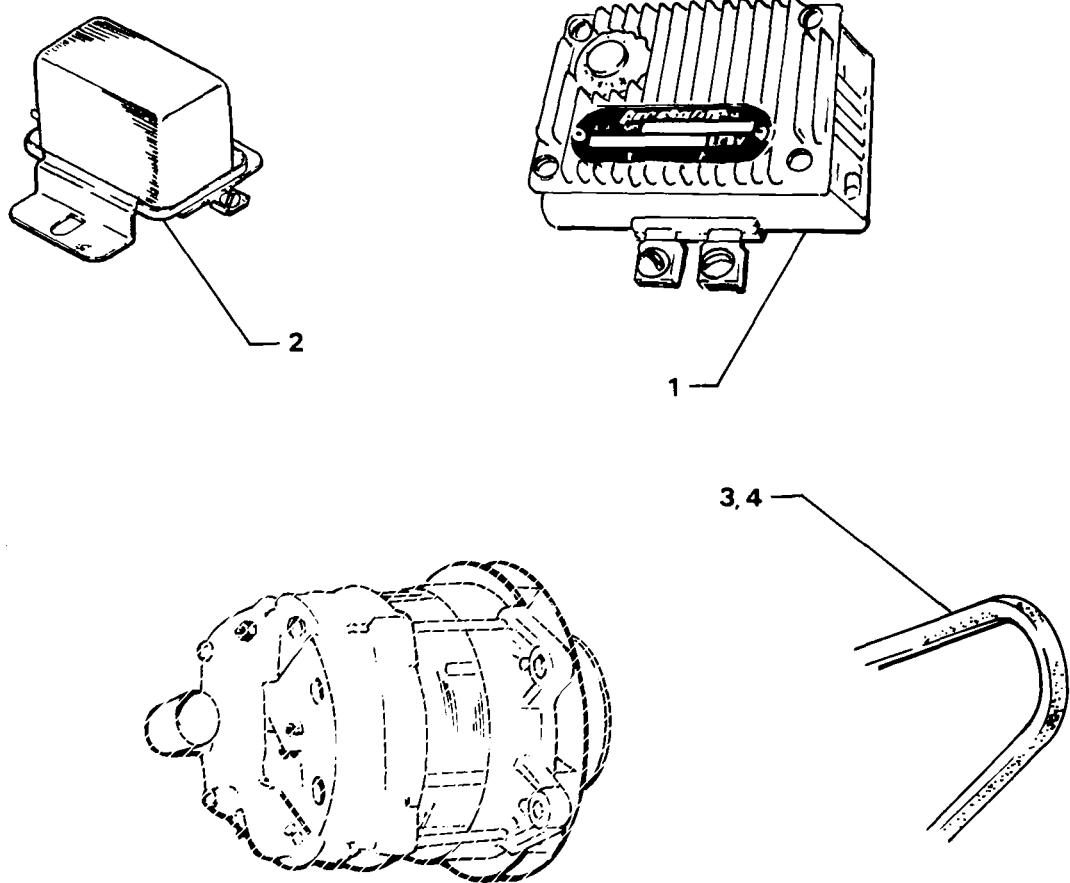


Figure 26.

ELECTRICAL COMPONENTS
GENERATOR MOUNTING AND ATTACHING PARTS

FIG. REF. 27	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				0-360						LO-360				TO-360	
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	C 1
1	70419	BRACKET, Generator		2	2	2			2	2					
2	73383	LOCKPLATE, 5/16 bolt x 1.00 spacing		2	2	2			2	2					
3	STD-1838	BOLT, 5/16-18 x 15/16 long, hex. hd		4	4	4			4	4					
4	76028	LINK, Generator adjusting		1	1	1			1	1					
5	STD-35	WASHER, 5/16 plain		1	1	1			1	1					
6	LW-31H.75	BOLT, 5/16-18 x 3/4 long, hex. hd. dr.		1	1	1			1	1					
7	STD-1727	WASHER, Plain, 3/4 OD x 11/32 ID x 1/8 thick			1	1	1		1	1					
8	LW-31H.75	BOLT, 5/16-18 x 3/4 long, hex. hd. dr.			1	1	1		1	1					
9	STD-1851	BOLT, 5/16-18 x 1-5/32 long, dr. end			2	2	2		2	2					
10	STD-35	WASHER, 5/16 plain			un	un	un		un	un					
11	STD-1420	NUT, 5/16-18 slotted			2	2	2		2	2					
12	STD-68	PIN, 1/16 dia. x 1/2 long, cotter			2	2	2		2	2					

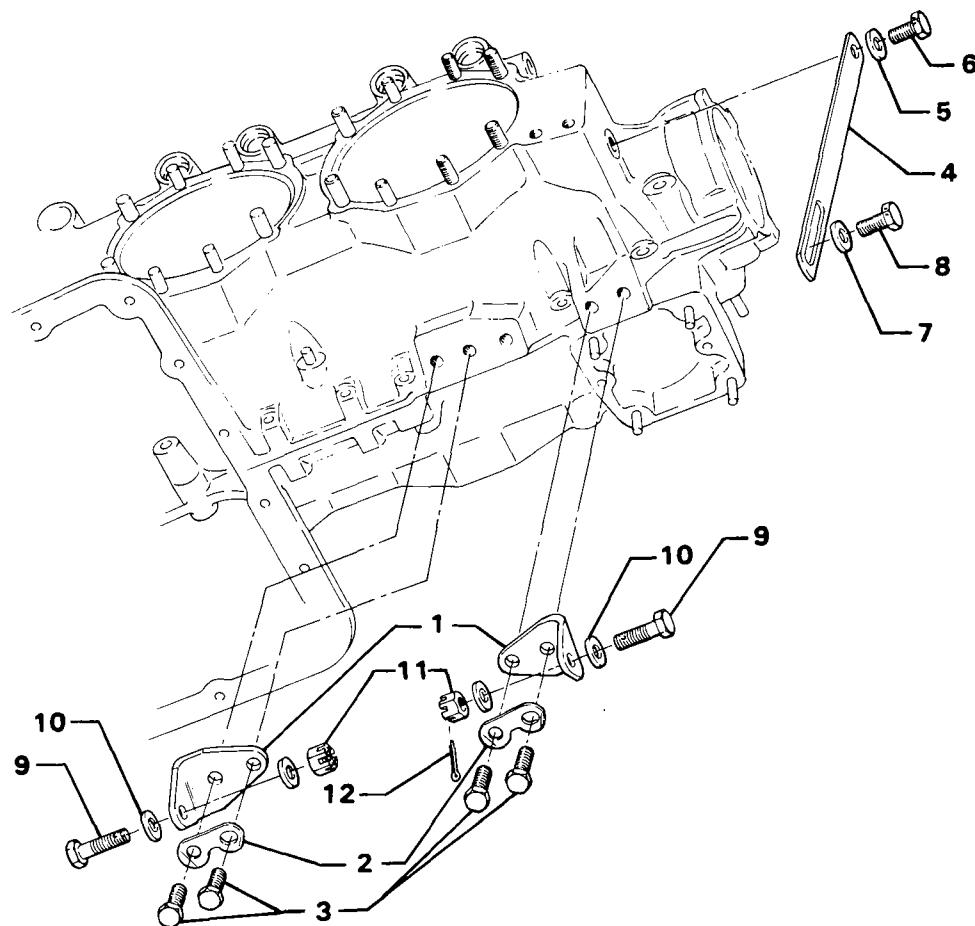


Figure 27.

ELECTRICAL COMPONENTS
ALTERNATOR MOUNTING AND ATTACHING PARTS

FIG. REF 28	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 G	G 6 D	C 1 A
1	74324	BRACKET, Alternator								1						
	LW-13039	BRACKET, Alternator			1	1	1	1	1	1	1			1		1
	76906	BRACKET, Alternator											1			
2	73383	LOCKPLATE, 5/16 bolt x 1.00 spacing			1	1	1	1	1	1	1	1		1		1
3	LW-13365	BRACE, Alternator bracket											1			
4	STD-475	WASHER, 5.16 lock, internal teeth											1			
5	STD-1838	BOLT, 5/16-18 x 15/16 long, hex. hd.		2	2	2	2	2	2	2	2			2		2
	STD-1838	BOLT, 5/16-18 x 15/16 long, hex. hd.										3				
6	74325	LINK, Alternator adjusting								1						
	75380	LINK, Alternator adjusting			1	1	1	1	1	1	1			1		1
	LW-10729	LINK, Alternator adjusting										1				
7	STD-35	WASHER, 5/16 plain			1	1	1	1	1	1	1	1		1		1
8	LW-31H.75	BOLT, 5/16-18 x 3/4 long, hex. hd. dr.		1	1	1	1	1	1	1	1			1		1
9	STD-1858	BOLT, 5/16-18 x 29/32 long, hex. hd. dr.										1				
10	STD-1727	WASHER, Plain, 3/4 OD x 11/32 ID														
		x 1/8 thick			1	1	1	1	1	1	1			1		1
11	LW-31H.75	BOLT, 5/16-18 x 3/4 long, hex. hd. dr.		1	1	1	1	1	1	1	1			1		1
12	74323	STRUT, Alternator support			1	1	1	1	1	1	1			1		1
	76908	STRUT, Alternator support										1				
13	LW-31H.75	BOLT, 5/16-18 x 3/4 long, hex. hd. dr.		1	1	1	1	1	1	1	1			1		1
14	STD-1858	BOLT, 5/16-18 x 29/32 long, hex. hd. dr.										1				
15	STD-1828	BOLT, 5/16-18 x 1-5/16 long, hex. hd.												1		
16	STD-35	WASHER, 5/16 plain												1		
17	STD-1815	NUT, 5/16-18 self-locking												1		
18	STD-690	WASHER, 13/16 OD x 3/8 ID														
		x 1/16 thick			1	1	1	1	1	1	1			1		1
19	AN6-32	BOLT, 3/8-24 x 3-21/64 long, hex. hd. dr. end								1						
20	AN6-14	BOLT, 3/8-24 x 1-37/64 long, hex. hd. dr. end			1	1	1	1	1	1	1			1		1
21	STD-690	WASHER, 13/16 OD x 3/8 ID												un		un
		x 1/16 thick			un			un		un						
22	STD-872	NUT, 3/8-24 slotted			1	1	1	1	1	1	1			1		1
23	STD-713	PIN, Cotter, 3/32 dia. x 3/4 long			1	1	1	1	1	1	1			1		1
24	AN6-13	BOLT, 3/8-24 x 1-7/16 long, hex. hd. dr. end							1	1	1	1		1		1
25	AN6-16	BOLT, 3/8-24 x 1-27/64 long, hex. hd. dr. end										1	1			1
26	76534	SHIM, 1-1/8 OD x 13/32 ID														
		x 1/64 thick			un			un		un						
	STD-690	WASHER, 13/16 OD x 3/8 ID												un		un
		x 1/16 thick			un			un		un						
28	STD-872	NUT, 3/8-24 slotted			1	1	1	1	1	1	1			1		1
29	STD-713	PIN, Cotter, 3/32 dia. x 3/4 long			1	1	1	1	1	1	1			1		1

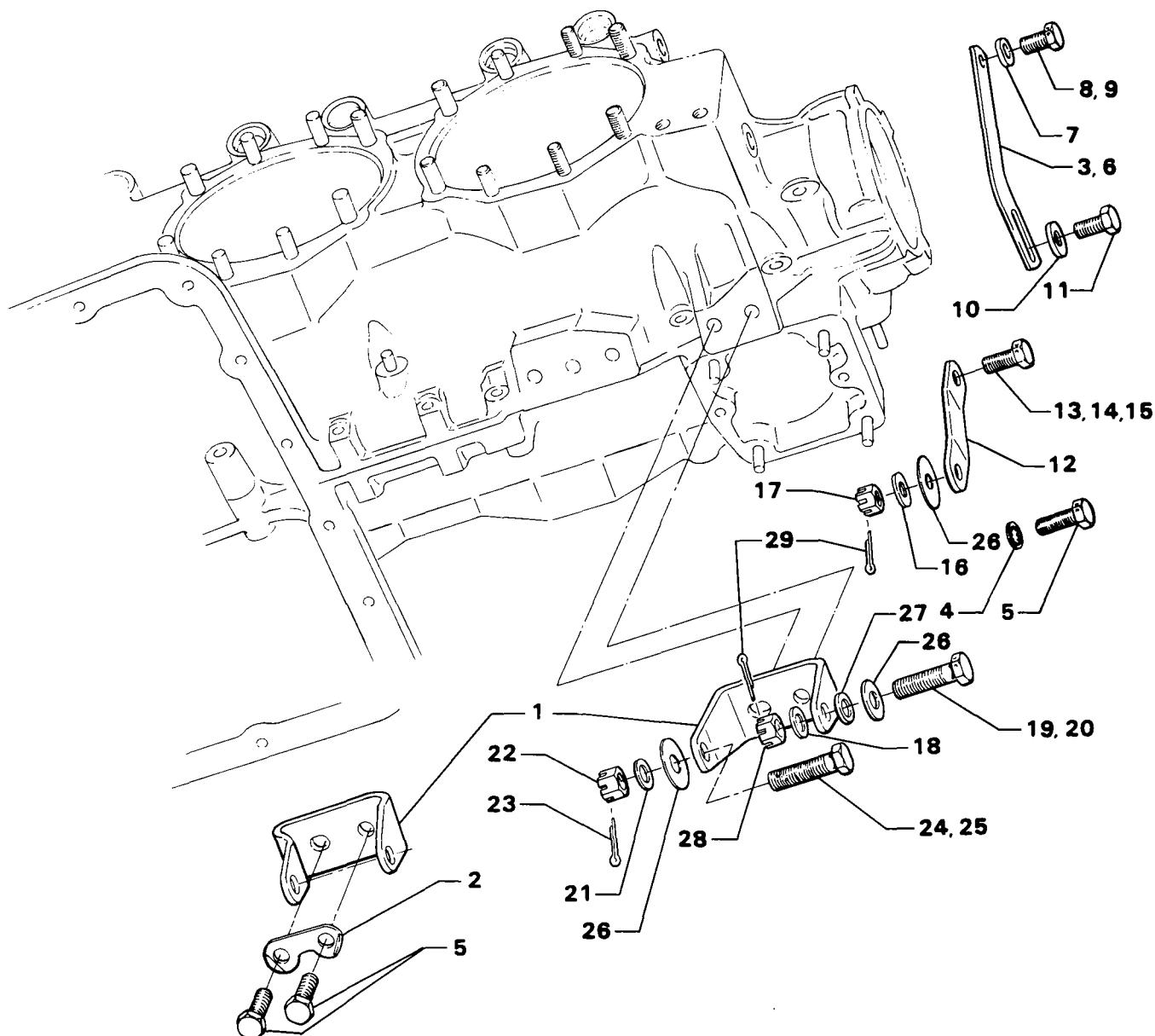
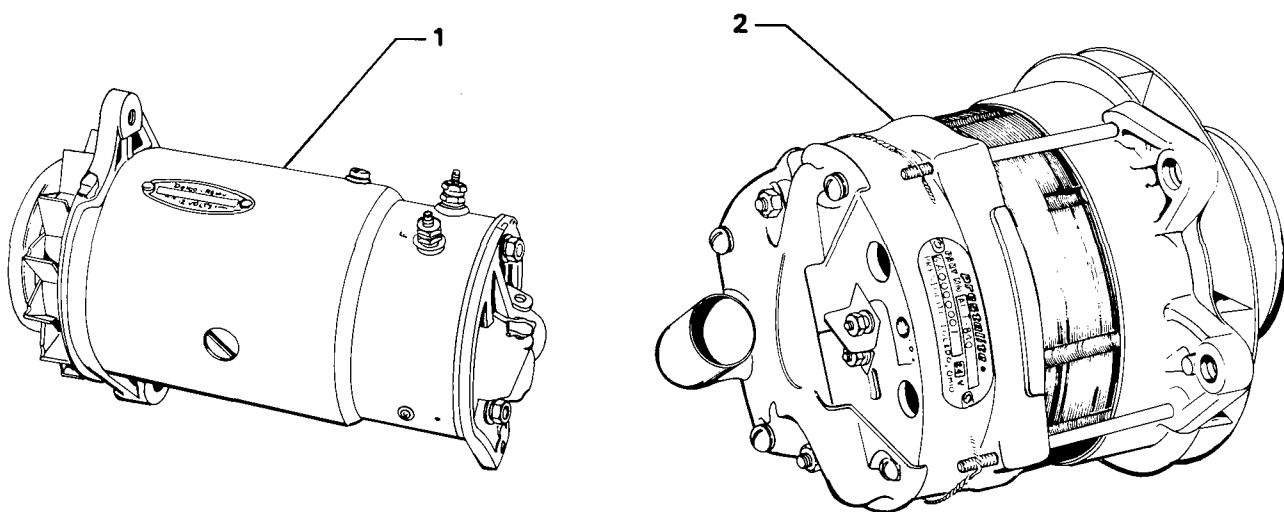


Figure 28 - Alternator Mounting and Attaching Parts

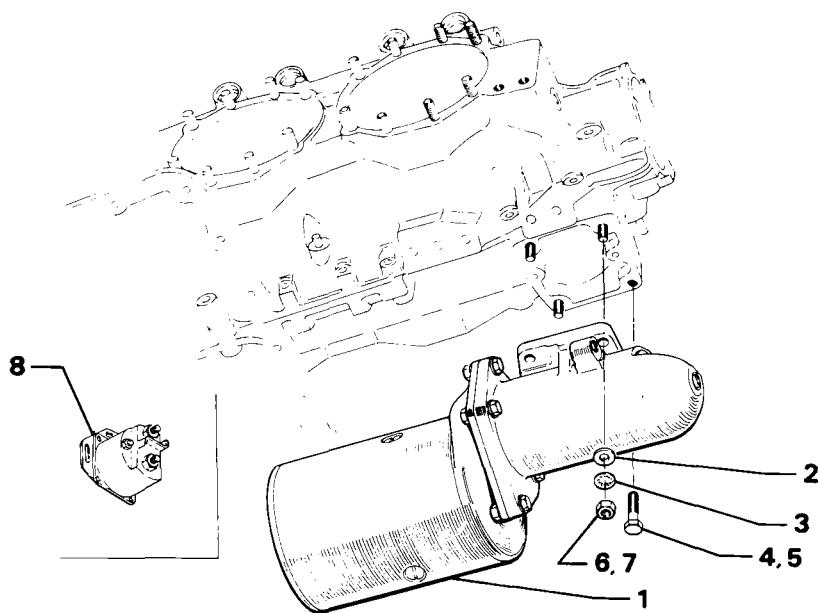
**ELECTRICAL COMPONENTS
GENERATOR AND ALTERNATOR ASSEMBLY**

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				O-360				LO-360				TO-360				
				B 2	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	D 6	C 1
1	68767	GENERATOR, 12V.-35 Amp. (1101900)						1								
	71744	GENERATOR, 12V.-50 Amp. (1101915)			1	1			1							
2	LW-10979	ALTERNATOR ASSY., 24V.-100 Amp., 3.25:1 ratio				1	1		1	1						
	76421	PULLEY, Alternator, dual belt, 3.25:1 ratio				1	1		1	1						
	74880	ALTERNATOR ASSY., 12V.-70 Amp., 3.25:1 ratio									1					
	74863	PULLEY, Alternator, 3.25:1 ratio									1					
	74878	FAN AND BAFFLE ASSY., Alternator									1					
	LW-14316	ALTERNATOR, 12V.-70 Amp., externally grounded (ALX-8421)									1					1
	LW-14319	ALTERNATOR, 24V.-50 Amp., externally grounded (ALT-8421)								1						
	LW-14324	ALTERNATOR, 24V.-70 Amp., externally grounded (ALU-8421)														1
	LW-14308	ALTERNATOR, 12V.-60 Amp., externally grounded (ALY-8420)				1		1	1	1						
	LW-12832	ALTERNATOR ASSY., 12V.-60 Amp., internally grounded, 3.25:1 ratio					1			1						
	LW-12739	STRAP, Alternator ground						1		1						


Figure 29.

ELECTRICAL COMPONENTS
STARTER MOTOR AND ATTACHING PARTS

FIG. REF. 30	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	C 1	
1	LW-15571	STARTER, 12 volt, 3.38:1 internal reduction, 12/14 pitch pinion (MZ-4222)							1	1	1	1	1	1	1	
	LW-14215	STARTER, 12 volt, 3.38:1 internal reduction, 12/14 pitch pinion (MZ-4220)														1
	LW-14214	STARTER, 24 volt, 3.38:1 internal reduction, 12/14 pitch pinion (MHB-4014)														1
	LW-15573	STARTER, 12 volt, 3.38:1 internal reduction, 12/14 pitch pinion (MZ-4221)						1	1							
	LW-15572	STARTER, 24 volt, 3.38:1 internal reduction, 12/14 pitch pinion (MHB-4016)										1	1			1
2	STD-35	WASHER, 5/16 plain	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	STD-35	WASHER, 5/16 plain		3	3											
3	STD-475	WASHER, 5/16 lock, internal teeth	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	STD-2156	BOLT, 5/16-18 x 1-5/32 long, hex. hd.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	STD-1889	BOLT, 5/16-18 x 1-7/32 long, hex. hd. dr. hd.					2	2								
6	STD-1410	NUT, 5/16-18 plain	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	STD-1420	NUT, 5/16-18 slotted		1	1											
8	LW-12083	SWITCH, Magnetic (SAZ-4201E-1)		1	1	1	1	1	1	1	1	1				1
	LW-12085	SWITCH, Magnetic (SAZ-4401C-1)							1							1



2112

Figure 30.

OIL SUMP AND INDUCTION SYSTEM
OIL SUMP ASSEMBLY AND OIL SUCTION SCREEN

FIG. REF	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY											
				0-360				LO-360				TO-360			
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D F A C E A	A 1 G 6 D	C 1 A 6 D	
1	LW-13353	GASKET, Oil sump	1												
2	78915	SUMP ASSY., Oil		1	1	1	1	1	1	1	1				
	77159	SUMP ASSY., Oil							1					1	
	LW-15796	SUMP ASSY., Oil													1
	LW-16154	SUMP ASSY., Oil										1			
3	78914	CONNECTION, Intake pipe		4	4	4	4	4	4	4	4				
	69602	CONNECTION, Intake pipe						4		4			4		4
4	61400	STUD, 1/4-20 x 3/16 long	4												
5	31C-15	STUD, 5/16-18 x 1-7/8 long		4	4	4	4	4	4	4	4				
6	31C-14	STUD, 5/16-18 x 1-3/4 long						4		4			4		4
7	STD-91	PLUG, 1/2-14 NPT, Allen hd.		1	1	1	1	1	1	1	1				
8	1102	PLUG, 1/8-27 NPT, Allen hd.					2			2			2		2
9	STD-551	PLUG, 1/2-14 NPT, Sq. hd., drilled	2												
10	STD-8	WASHER, 1/4 plain	28												
11	STD-160	WASHER, 1/4 lock, internal teeth	20												
12	STD-1204	BOLT, 1/4-20 x 15/16 long, hex. hd.		14	14	14	14	8	14	14	14	14	8		8
13	STD-1419	BOLT, 1/4-20 x 1-1/8 long, hex. hd.				2									
14	STD-1411	NUT, 1/4-20 plain			12	12	12	12	18	12	12	12	12	18	18
15	70484	SCREEN, Oil suction	1												
16	STD-111	GASKET, 1.00 ID x 1-1/4 OD x 3/32 annular				1									
17	LW-12545	PLUG, 5/8 hex. hd. x 1.00-20 thd.	1												
18	61548	NAMEPLATE	1												
19	STD-1901	DRIVE STUD, No. 4 x 3/16 long, rd. hd.	4												

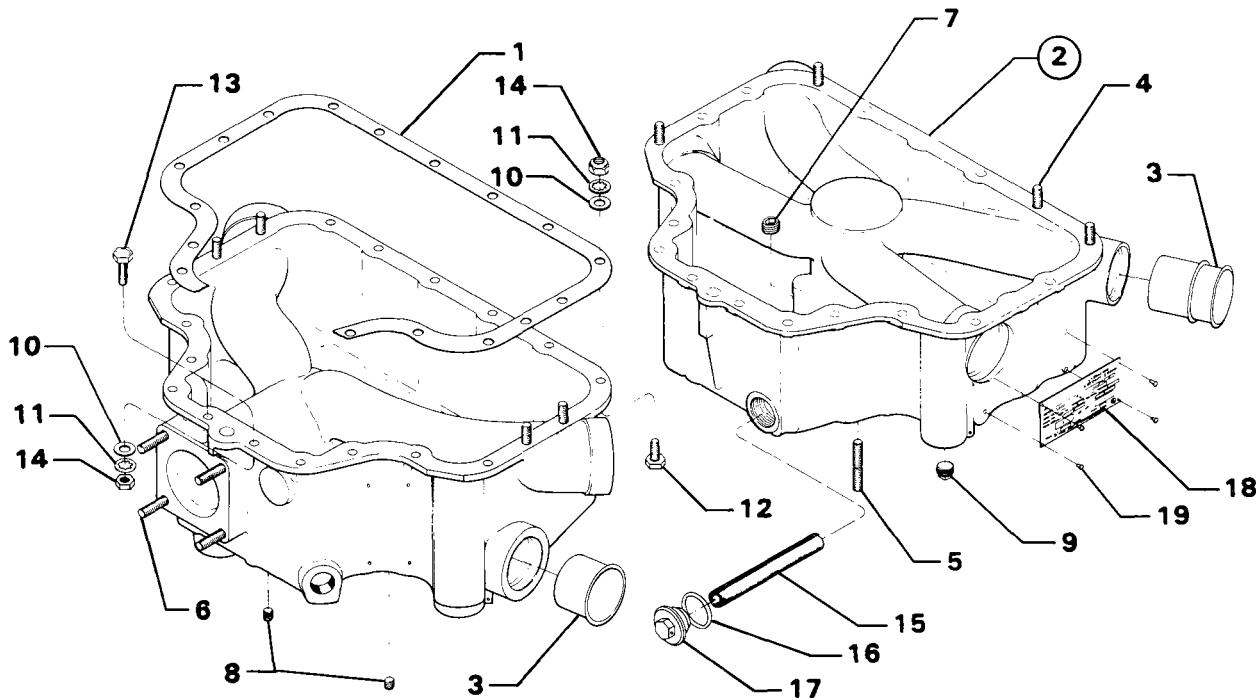


Figure 31.

OIL SUMP AND INDUCTION SYSTEM
INTAKE PIPE ASSEMBLY

FIG. REF. 32	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				O-360				LO-360				TO-360				
				B 2 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 G	G 6 D	C 1 A
1	70485	PIPE, Intake		4	4	4	4	4	4	4	4	4	4			
2	71712	PIPE, Intake, cyls. no. 1 and 2							2					2		
LW-13944		PIPE, Intake, cyls. no. 1 and 2														2
LW-16106		PIPE, Intake, cyls. no. 1 and 2												2		
3	71713	PIPE, Intake, cyls. no. 3 and 4							2					2		
LW-13945		PIPE, Intake, cyls. no. 3 and 4														2
LW-16107		PIPE, Intake, cyls. no. 3 and 4											2			
4	69603	HOSE, 1-3/4 ID x 2-3/16 OD x 1-3/4 long	4													
5	LW-15592-8-28	CLAMP, Hose	8													
6	71973	GASKET, 2 bolt flange, 1-7/8 ID	4													
7	73346	FLANGE, Intake pipe, upper		4	4	4	4	4	4	4	4	4	4		4	
LW-14555		FLANGE, Intake pipe, upper												4		
8	STD-8	WASHER, 1/4 plain	8													
9	STD-160	WASHER, 1/4 lock, internal teeth	8													
10	STD-1215	BOLT, 1/4-20 x 1-1/4 long, hex. hd.	8													
11	1102*	PLUG, 1/8-27 NPT, Allen hd.							2				2		2	
12	LW-13807	ADAPTER ASSY., Fuel drain valve														2

* Assemble in fuel drain bosses in sump.

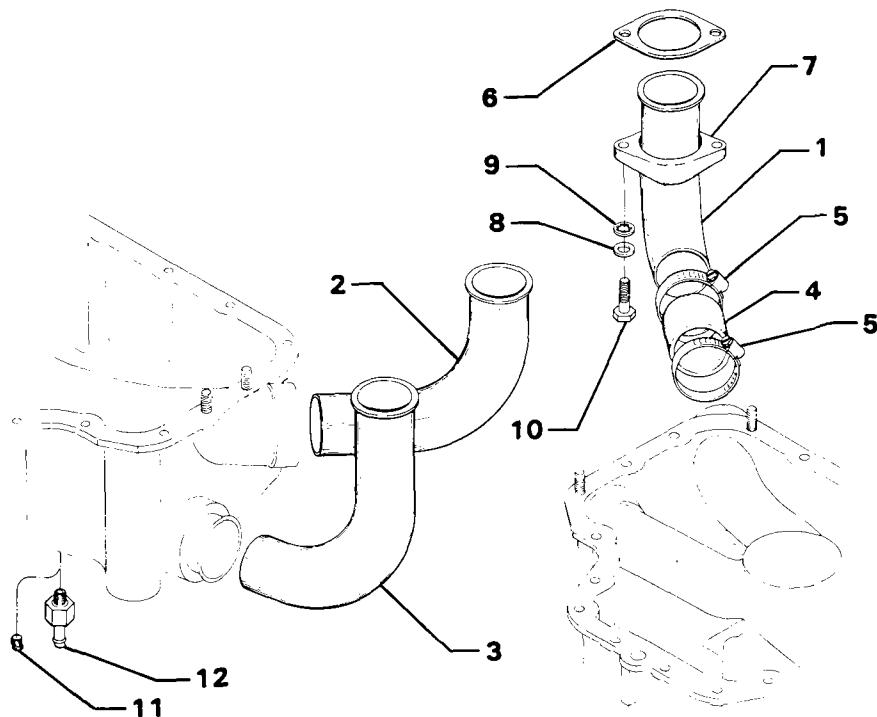


Figure 32.

OIL SUMP AND INDUCTION SYSTEM
CARBURETOR ASSEMBLY

FIG. REF. 33	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B 2 A	C C A	C 1 A	C 1 C	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	C 1 A
1	66224	GASKET, Carburetor		1	1	1	1	1	1	1	1	1	1	1	1	2
	77154	GASKET, Carburetor						1				1		1		2
2	LW-14487	ADAPTER ASSY., Carburetor														1
3	31C-14	STUD, 5/16-18 x 1-3/4 long,														4
4	71098	CARBURETOR (10-3878)		1	1	1		1				1				
	71710	CARBURETOR (10-4164-1)				1	1		1	1	1					
	LW-15957	CARBURETOR, Marvel-Schebler, HA-6 (10-5219)											1			
	LW-15674	CARBURETOR, Marvel-Schebler, HA-6 (10-5211)													1	
	LW-15959	CARBURETOR, Marvel-Schebler, HA-6 (10-5230)												1		
	LW-16028	CARBURETOR, Marvel-Schebler, HA-6 (10-5246)													1	
	LW-16518	CARBURETOR, Marvel-Schebler, HA-6 (10-5253)											1			
	LW-16625	CARBURETOR, Marvel-Schebler, HA-6 (10-5255)							1							
	LW-16871	CARBURETOR, Marvel-Schebler, HA-6 (10-5280)													1	
5	STD-35	WASHER, 5/16 plain		4	4	4	4	4	4	4	4	4	4	4	4	8
6	STD-1410	NUT, 5/16-18 plain		4	4	4	4	4	4	4	4	4	4	4	4	8
7	STD-1763	LOCKNUT, 5/16 (palnut)		4	4	4	4	4	4	4	4	4	4	4	4	8
8	74070*	ELBOW, 3/8 tubing, adjustable, 45°											1		1	
9	MS20822-4-4**	ELBOW, 1/4 tube x 1/4 NPT, 90°														1
10	72377*	ELBOW, 3/8 tubing, adjustable, 90°							1							
	72377+	ELBOW, 3/8 tubing, adjustable, 90°											1			
11	LW-14714	CONNECTOR, Push pull cable														1
12	AN345C10++	NUT, No. 10-32, Stainless steel														1
13	LW-13429*+	ROD END, Female, no. 10-32														1
14	STD-63*+	NUT, No. 10-32 plain														1
15	AN3-7*+	BOLT, No. 10-32 x 29/32 long, hex. hd.														1
16	STD-122*+	WASHER, No. 10 plain													3	
17	STD-303*+	NUT, No. 10-32 slotted														1
18	STD-68*+	PIN, 1/16 x 1/2 long, cotter														1
19	LW-14724	BRACKET, Angle, 90°														1
20	AN365-1024	NUT, No. 10-24 self-locking														1
21	LW-16266-25-25	CLIP, 1/4 ID for 1/4 dia. screw														1
22	AN500A416-10	SCREW, 1/4-20 x 1-1/8 long, fill. hd.														1
23	STD-1685	NUT, 1/4-20 self-locking														1

* Assemble in fuel pump inlet.

++ Assemble in waste gate end.

** Assemble in carburetor inlet.

* + Assemble at carburetor end.

+ Assemble in fuel pump outlet - 10° - 15° above horizontal.

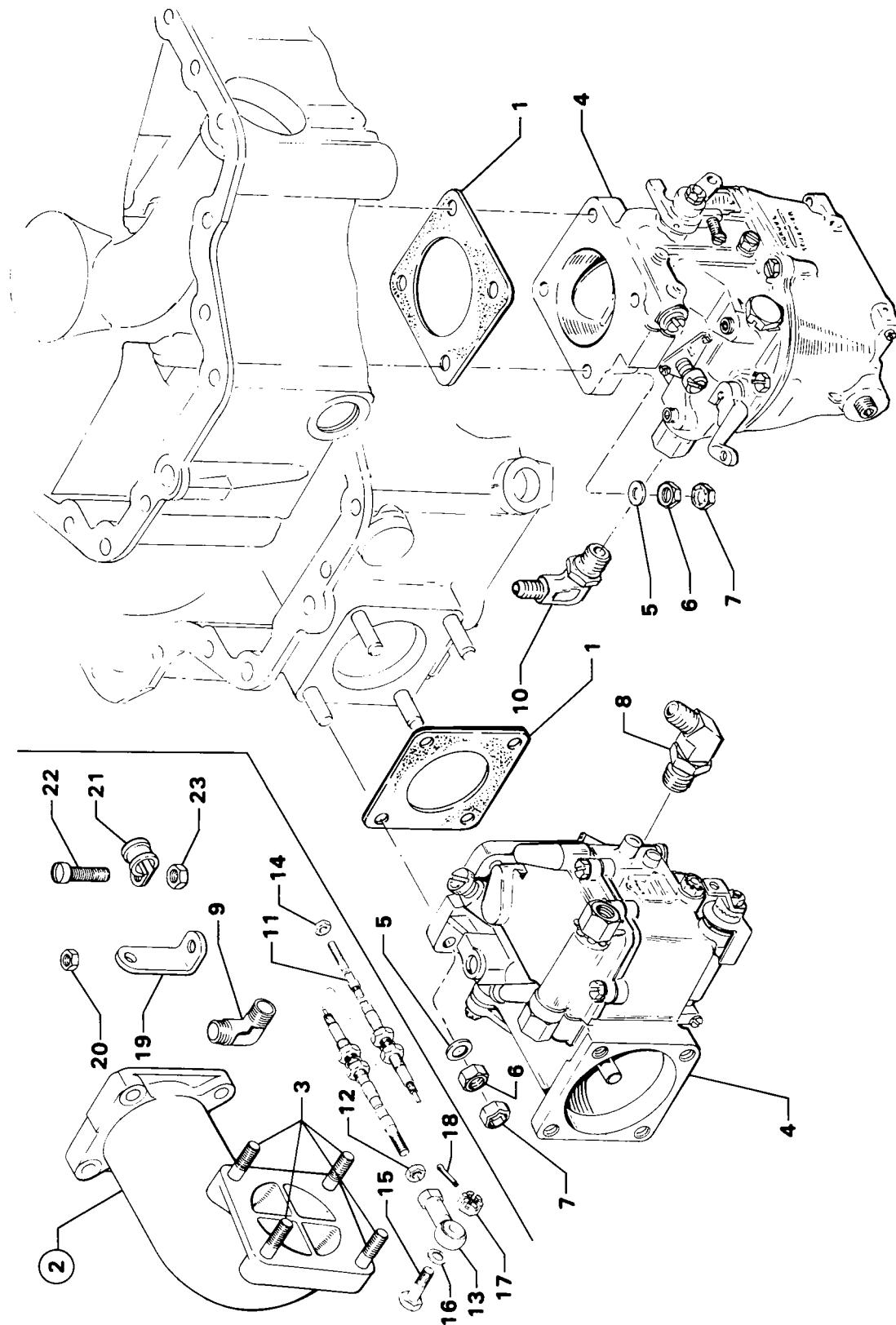


Figure 33 - Carburetor Assembly

OIL SUMP AND INDUCTION SYSTEM
PRIMING SYSTEM

FIG. REF. 34	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360						LO-360				TO-360		
				B 2 A	C 1 A	C 1 C	C 1 E	C 2 F	C 2 A	C 2 C	D 2 E	F 1 A	A 1 6	G 6 D	C 1 A	A 6 D
1	LW-12098-1-284	TUBE ASSY., Primer, cyl. no. 1				1				1				1		
	LW-12098-1-170	TUBE ASSY., Primer, cyl. no. 1														1
2	LW-12098-1-170	TUBE ASSY., Primer, cyl. no. 2			1				1					1		
	LW-12098-2-240	TUBE ASSY., Primer, cyl. no. 2														1
3	LW-12098-1-134	TUBE ASSY., Primer, cyl. no. 3														1
4	LW-12098-1-116	TUBE ASSY., Primer, cyl. no. 4				1			1					1		
5	LW-12098-0-100	TUBE ASSY., Primer, inter.				1			1							
	LW-12098-3-160	TUBE ASSY., Primer, inter.														1
	LW-12098-0-134	TUBE ASSY., Primer, inter.												1		
6	LW-16266-25-13	CLIP, 3/16 ID for 1/4 dia.														
		screw, cushion type				4			4				4			4
7	LW-14432	BRACKET, Support clamp														1
8	71910	CLAMP, 1-3/4 ID with 1/4 dia, offset				3			3				3			3
9	STD-553	SCREW, No. 6-32 x 1/2 long, rd. hd.				3			3				3			3
10	AN365-632A	NUT, No. 6-32 self-locking				3			3				3			3
11	STD-853	TEE, Union, 1/4 tube				2			2				2			2
12	74225	NIPPLE ASSY., Primer				3			3				3			3
13	STD-670	NUT, No. 10-32												1		
14	STD-692	SCREW, No. 10-32												1		

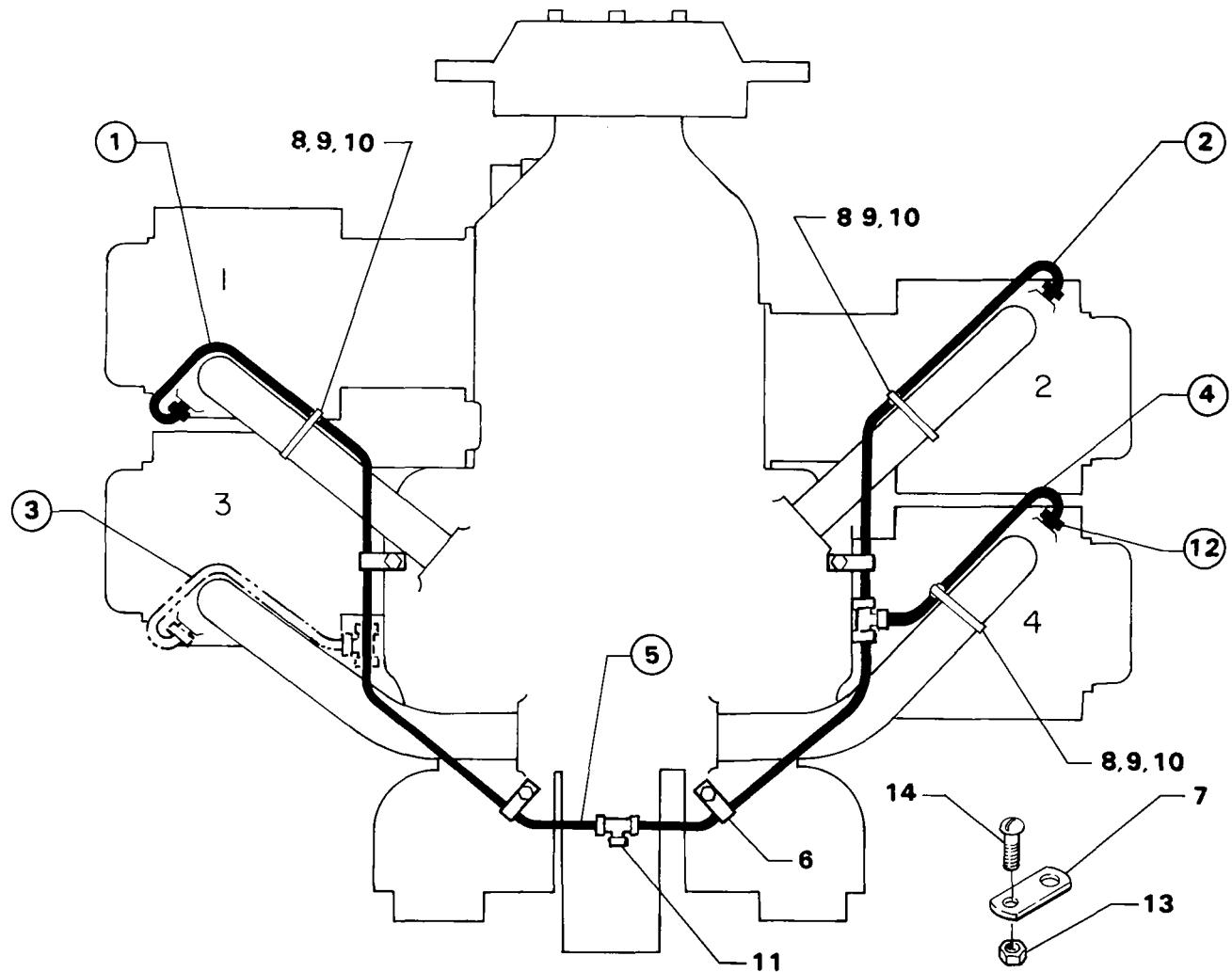
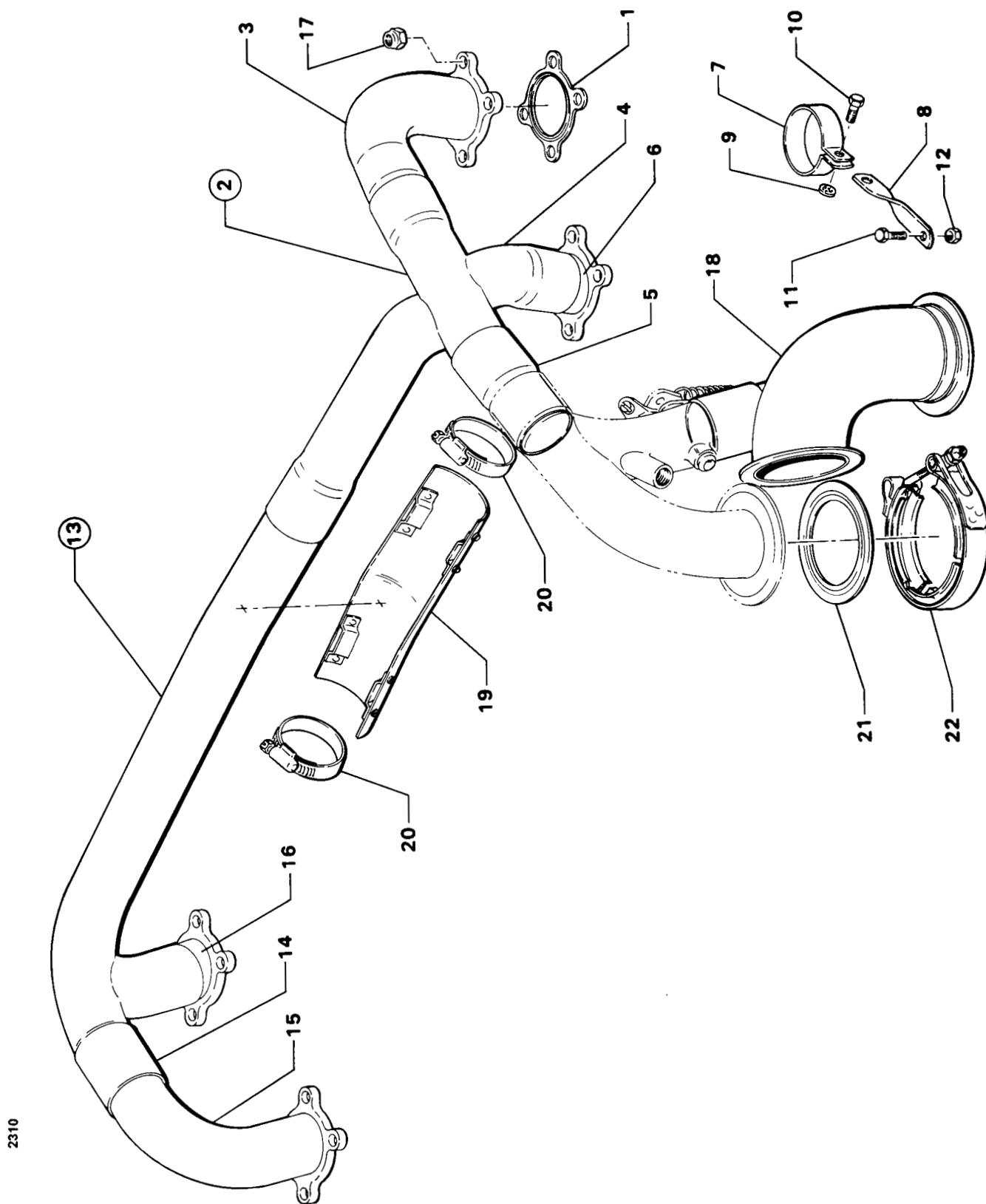


Figure 34 - Priming System

TURBOCHARGER AND EXHAUST SYSTEM
EXHAUST MANIFOLDING

FIG. REF. 35	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B 2	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	D 6	C 1
1	LW-13938	GASKET, Exhaust flange														8
2	LW-15691	MANIFOLD ASSY., Exhaust, right														1
3	LW-14001	PIPE, Exhaust, cyl. no. 1														1
4	LW-15689	PIPE, Exhaust, cyl. no. 3														1
5	LW-15690	PIPE, Exhaust, inter.														1
6	LW-11400	ADAPTER, Exhaust pipe														1
7	LW-15693	CLAMP, Exhaust pipe														1
8	LW-15694	STRAP, Exhaust pipe														1
9	STD-160	WASHER, 1/4 internal lock														1
10	LW-25-50	BOLT, 1/4-20 x 1/2 long, hex. hd.														1
11	STD-1968	BOLT, 1/4-20 x 5/8 long, hex. hd.														1
12	STD-2044	NUT, 1/4-20 UNF self-locking														1
13	LW-13998	MANIFOLD ASSY., Exhaust, left														1
14	LW-14002	PIPE, Exhaust, cyl. no. 2														1
15	LW-14004	PIPE, Exhaust, cyl. no. 4														1
16	LW-11400	ADAPTER, Exhaust pipe														1
17	STD-2044	NUT, 1/4-20 self-locking														16
18	LW-13986	PIPE, Exhaust, tail														1
19	LW-13997	HEAT SHIELD														1
20	LW-16474	CLAMP, Hose														2
21	LW-14485	GASKET, Turbocharger inlet														2
22	LW-13464	CLAMP, 3-11/16 dia.														1



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Figure 35 - Exhaust Manifolding

TURBOCHARGER AND EXHAUST SYSTEM
TRANSITION, WASTEGATE AND ROD END ASSEMBLY

FIG. REF. 36	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												0-360		LO-360		TO-360	
				B 2 A	C 1 A	C 1 A	C 1 C	C 1 E	C 1 F	C 2 A	C 2 C	C 2 E	D 2 A	F 1 A	A 1 6	G 6 D	A 1 6	C 1 D			
1	LW-15766	TRANSITION, WASTEGATE AND ROD END ASSY.																1			
2	LW-15765	ROD END, No. 10-32 (Stainless steel)																1			
3	AN960C10L	WASHER, No. 10 (Stainless steel)																3			
4	AN3C7	BOLT, No. 10-32 (Stainless steel)																1			
5	AN320C3	NUT, No. 10-32 (Stainless steel)																1			
6	STD-68	PIN, 1/16 x 1/2 long, cotter																1			
7	LW-14944	TRANSITION AND WASTEGATE ASSY.																1			
8	LW-13671	SPRING, Wastegate																1			
9	STD-860	SCREW, No. 10-32 x 3/4 long, fill. hd.																1			
10	STD-63	NUT, No. 10-32 plain																1			
11	LW-14063	GASKET, V-band coupling, 2-3/4 OD tube																1			
12	LW-13985	FLANGE, V-band coupling, 2-3/4 OD tube																1			
13	LW-13991	SUPPORT, Linkage control																1			
14	STD-160	WASHER, 1/4 internal lock																2			
15	AN501-416-10	SCREW, 1/4-28 x 5/8 long, hex. hd.																2			
16	STD-9	NUT, 1/4-28 plain																2			
17	LW-13971	HEAT SHIELD (cyl. head)																1			
18	STD-160	WASHER, 1/4 internal lock																1			
19	STD-1919	SCREW, 1/4-20 x 9/16 long, hex. hd.																1			
20	STD-1826	SCREW, 1/4-20 x 5/8 long, fill. hd., self-locking																2			
21	LW-14017	BAFFLE, Turbocharger																1			
22	STD-1838	BOLT, 5/16-18 x 15/16 long, hex. hd.																1			
23	STD-2043	NUT, 5/16-18 self-locking																1			
24	LW-15592-8-28	CLAMP, Hose																1			

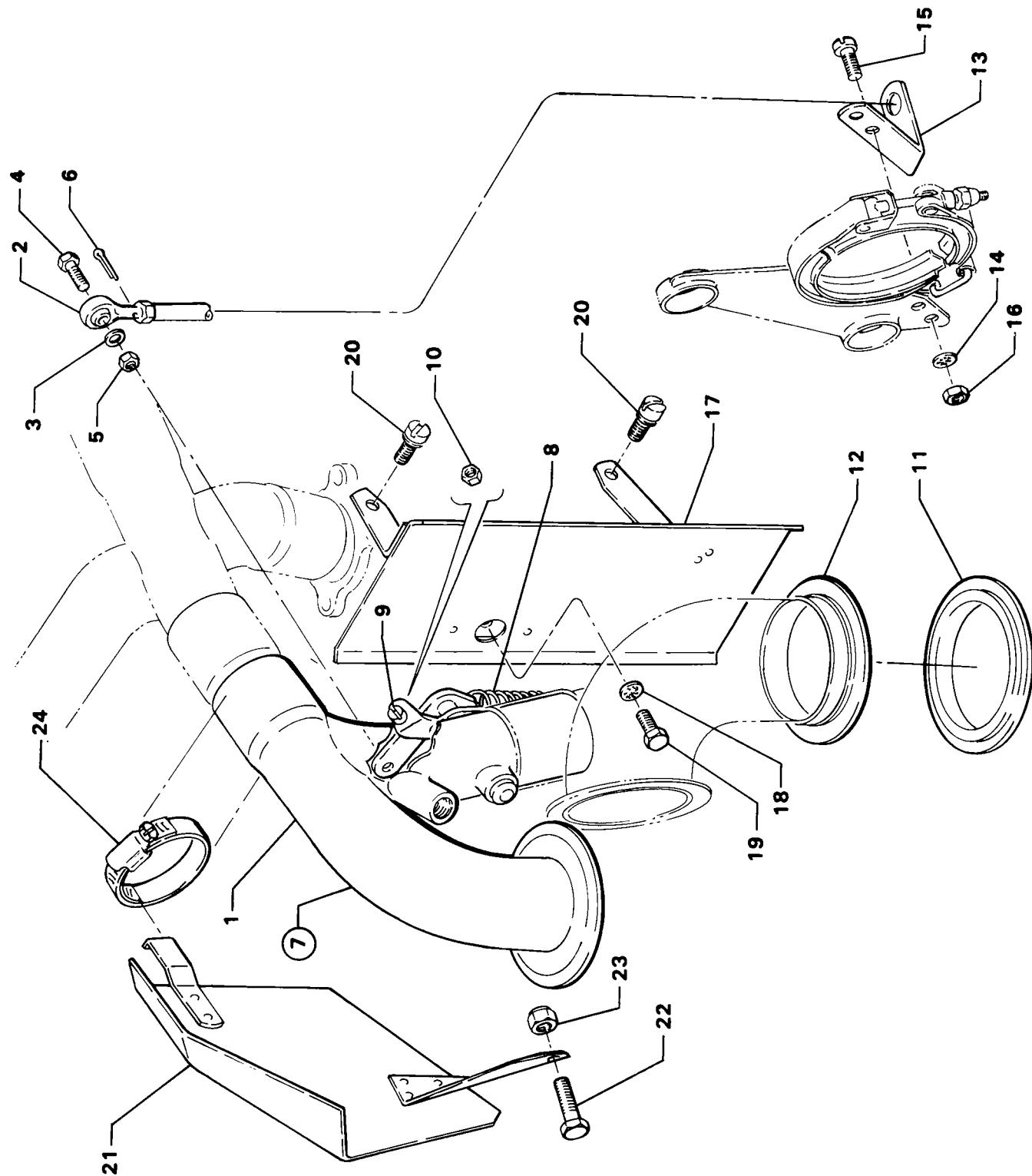


Figure 36 - Transition, Wastegate and Rod End Assembly

TURBOCHARGER AND EXHAUST SYSTEM
TURBOCHARGER ASSEMBLY AND RELATED PARTS

FIG. REF.	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY														
				0-360				LO-360				TO-360						
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	D 6	C 1	A 6
1	LW-13965*	TURBOCHARGER																1
2	LW-15769	MOUNT ASSY., Turbocharger outlet																1
3	LW-15768	COUPLING, Turbocharger outlet																1
4	LW-15692	BUSHING, Turbocharger mount																4
5	LW-13961	MOUNT ASSY., Turbocharger compressor inlet																1
6	LW-15692	BUSHING, Turbocharger mount																4
7	LW-13476	GASKET, Turbocharger compressor inlet																2
8	STD-28	WASHER, No. 10 plain																6
9	STD-82	SCREW, No. 10-24 x 1/2 long, fill. hd. dr.																6
10	LW-13958	STRUT, Turbocharger, upper front																1
11	LW-13957	STRUT, Turbocharger, lower front																1
12	LW-13956	STRUT, Turbocharger, lower front																1
13	LW-13959*	STRUT, Turbocharger, upper rear																1
14	LW-15555	SPACER, Turbo strut																1
15	STD-160**	WASHER, 1/4 internal lock																4
16	STD-1414**	BOLT, 1/4-20 x 1-1/2 long, hex. hd.																4
17	STD-1411**	NUT, 1/4-20 plain																4
18	STD-35+	WASHER, 5/16 plain																1
19	STD-475+	WASHER, 5/16 internal lock																1
20	STD-1410+	NUT, 5/16-18 plain																1
21	STD-2156++	BOLT, 5/16-18 x 1-5/32 long, hex. hd.																1
22	STD-475++	WASHER, 5/16 internal lock																1
23	STD-1828++	BOLT, 5/16-18 x 1-5/16 long, hex. hd.																1
24	STD-8*+	WASHER, 1/4 plain																1
25	STD-160*+	WASHER, 1/4 internal lock																1
26	STD-1411*+	NUT, 1/4-20 plain																1
27	STD-1885*+	BOLT, 1/4-20 x 1-5/8 long, hex. hd.																1

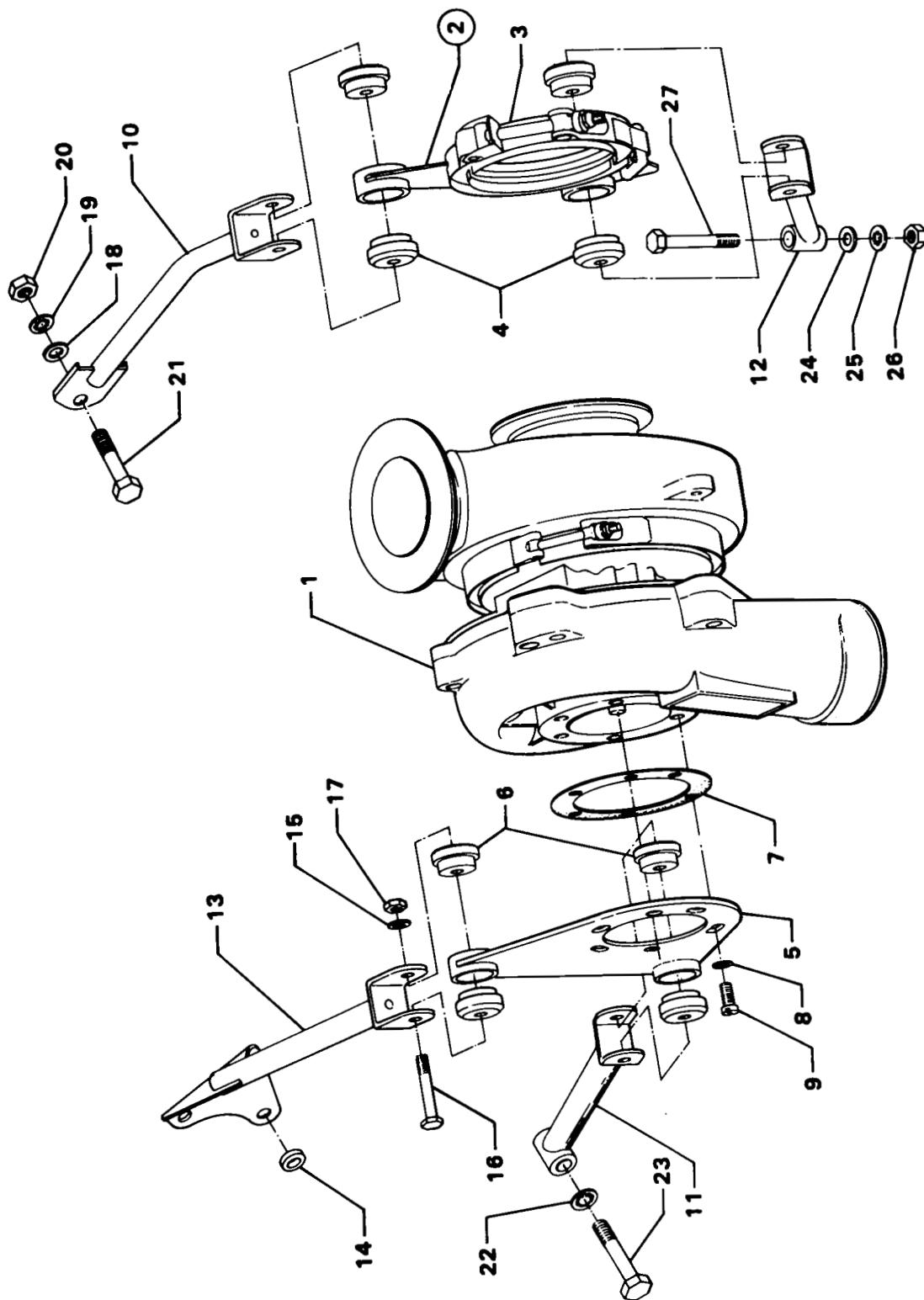
* Attach to vacuum pump pad.

++ To attach LW-13957 to accessory housing.

** To attach struts to mounts.

* + To attach LW-13956 to sump flange.

+ To attach LW-13958 to crankcase.



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Figure 37 - Turbocharger Assembly and Related Parts

TURBOCHARGER AND EXHAUST SYSTEM
TURBOCHARGER INLET HOSES AND RELATED PARTS

FIG. REF. 38	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY												
				0-360				LO-360				TO-360				
				B	C	C	C	C	C	C	C	D	F	A	G	C
1	LW-14488	DUCT, Air inlet		2	1	1	1	1	2	2	2	2	2	1	6	1
2	LW-15490	HOSE, 2-1/4 ID x 2-1/2 long		A	A	C	E	F	A	C	E	A	6	D		1
3	LW-15858-62-269	CLAMP, "T" bolt														2
4	LW-13473	GASKET, Carburetor inlet adapter														1
5	LW-15886	ADAPTER, Carburetor inlet														1
6	LW-38-0.59	BOLT, 3/8-16 x 19/32 long, hex. hd.														1
7	STD-33	WASHER, 3/8 plain														1
8	STD-678	WASHER, 3/8 internal lock														1
9	STD-1925	SCREW, 1/4-20 x 5/8 long, pan. hd., self-locking														2
10	STD-1916	SCREW, 1/4-20 x 1-1/8 long, fill. hd., self-locking														2
11	LW-15859	HOSE, 3.00 ID x 2-1/2 long														1
12	LW-15858-62-350	CLAMP, Hose, 3-1/2 ID x 9/16 wide														2
13	MS29513-138	SEAL, "O" ring, 2-7/64 ID x 3/32 section														1
14	LW-13779	VALVE ASSY., Absolute pressure relief														1
15	STD-425	WASHER, No. 10 plain														4
16	STD-251	WASHER, No. 10, internal lock														4
17	STD-375	SCREW, No. 10-24 x 5/8 long, fill. hd.														3
18	AN500-10-18	SCREW, No. 10-24 x 1-1/8 long, fill. hd.														1
19	LW-12798-4S130	HOSE ASSY., Fuel pump to carburetor														1
20	LW-14719	BRACKET, Linkage carburetor														1
21	STD-160	WASHER, 1/4 lock, internal teeth														2
22	STD-1411	NUT, 1/4-20 plain														2
23	MS29512-4*	SEAL, Oil, 5/64 dia. section x 11/32 ID														1
24	AN814-4L*	PLUG, 7/16-20 thd.														1

* Assemble in carburetor inlet adapter.

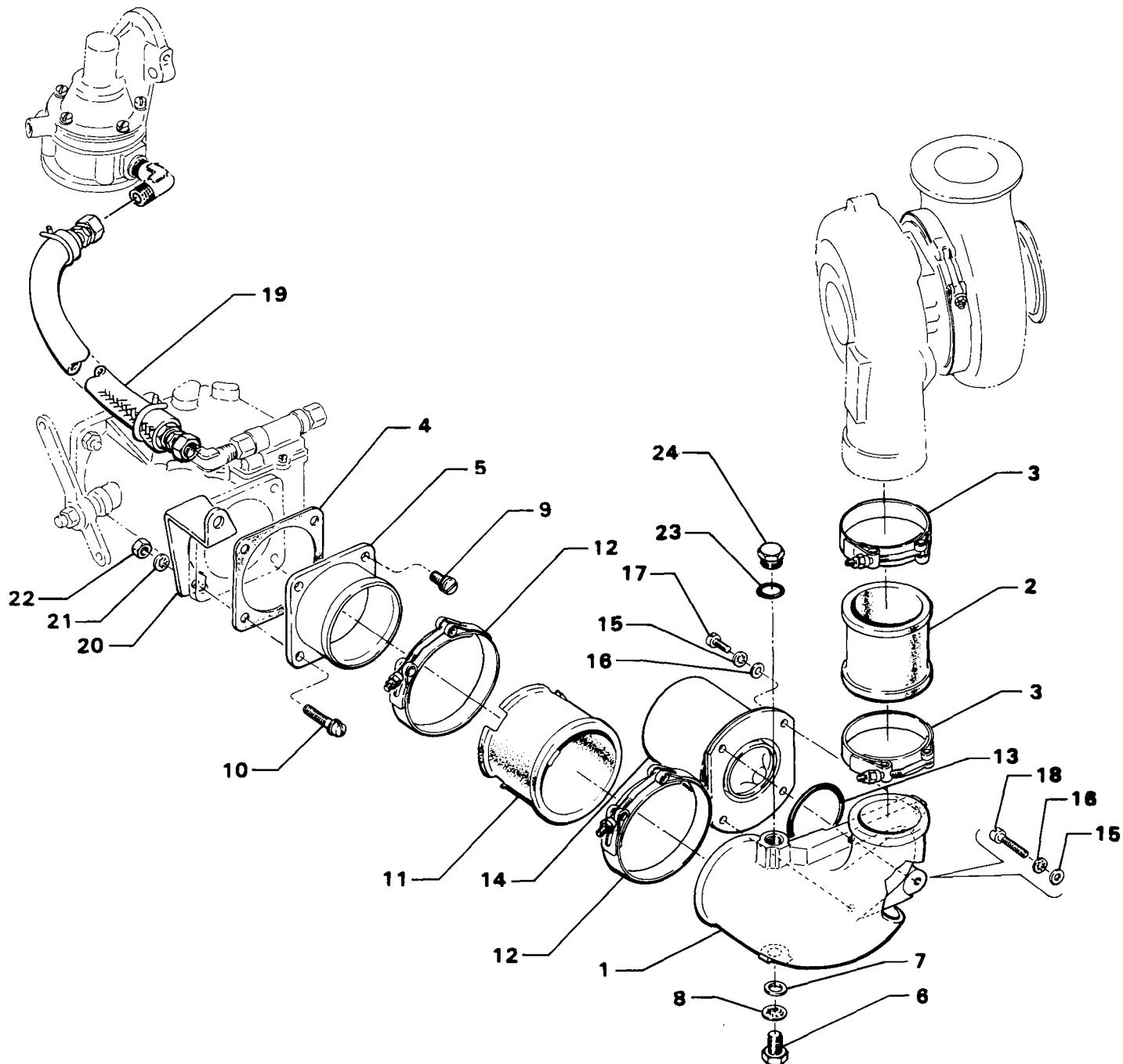


Figure 38 - Turbocharger Inlet Hoses and Related Parts

TURBOCHARGER AND EXHAUST SYSTEM
 OIL DRAIN TUBES, HOSES AND RELATED PARTS

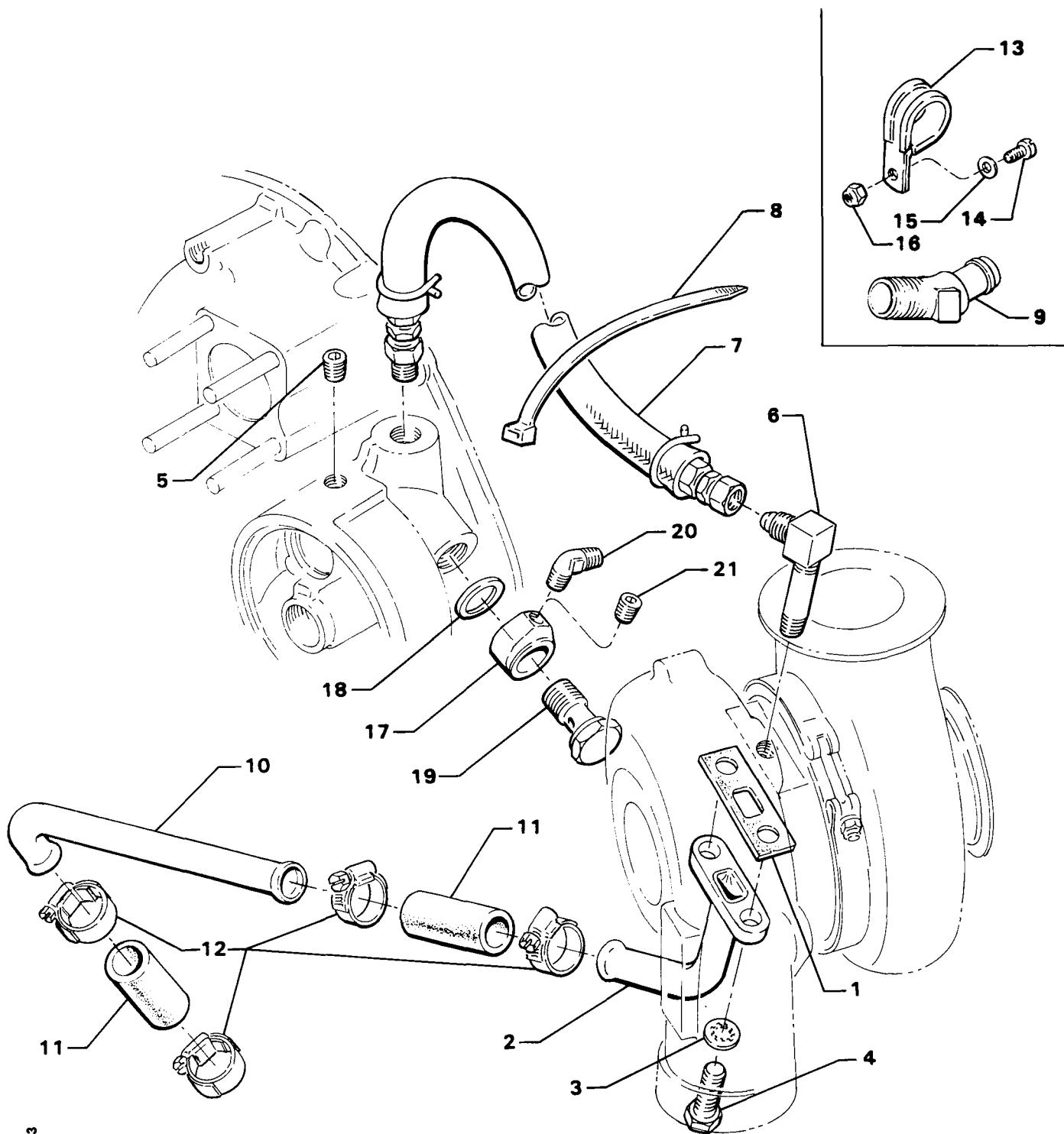
FIG. REF. 39	PART NUMBER	DESCRIPTION	ON ALL	QUANTITY PER ASSEMBLY														
				O-360				LO-360				TO-360						
				B 2	C 1	C 1	C 1	C 1	C 2	C 2	C 2	D 2	F 1	A 1	G 6	D 6	C 1	A 6
1	LW-14528	GASKET, Turbocharger oil drain																1
2	LW-16036	FLANGE, Turbocharger oil drain																1
3	STD-678	WASHER, 3/8 lock, internal teeth																2
4	STD-1957	BOLT, 3/8-16 x 1.00 long, hex. hd.																2
5	1102*	PLUG, 1/8 NPT, Allen hd.																1
6	LW-13478	ELBOW, 1/4 tube x 1/8 NPT, 90° (turbo oil inlet)																1
7	LW-12798-4S130	HOSE ASSY., (Turbo oil inlet)																1
8	76734**	ZIP STRAP																1
9	LW-16741	ELBOW, 5/8 ID hose x 1/2 NPT, 45° (in oil sump)																1
10	LW-16716	TUBE, Turbo oil drain																1
11	LW-14394	HOSE, Turbo oil drain																2
12	LW-15592-8-08	CLAMP, Hose																4
13	LW-16266-10-88	CLIP, 7/8 ID x no. 10 screw																1
14	STD-969	SCREW, No. 10-32 x 1/2 long, fill. hd. dr. hd.																1
15	STD-425	WASHER, No. 10 plain																1
16	STD-670	NUT, No. 10-32 self-locking																1
17	LW-12056	SPACER, Oil pressure fitting																1
18	AN901-8A	GASKET, 3/4 ID x 1.00 OD																1
19	LW-16012	BOLT, Oil temp. pressure fitting																1
20	77627*+	ELBOW, 1/4 tube x 1/8 NPT, restricted																1
21	1102+	PLUG, 1/8 NPT, Allen hd.																2

* Assemble in accessory housing above oil filter pad.

* + Assemble in LW-12056 spacer.

** To attach turbo oil inlet hose to top turbo strut.

+ Assemble in LW-12056 spacer and LW-16012 bolt.



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Figure 39 - Oil Drain Tubes, Hoses and Related Parts

SECTION 8
SERVICE KIT SECTION
SEAL AND GASKET SET
O-360-C SERIES

Part No.	Part Name	Qty.
75439-1	SEAL AND GASKET SET	1
AN901-8A	GASKET	1
STD-111	GASKET, Annular	1
STD-208	SEAL, Oil	1
STD-213	SEAL, Oil (fuel pump drive)	1
STD-294	GASKET, Annular	2
STD-1045	GASKET, Annular	1
1691-C	GASKET, Fuel pump pad	1
8313	GASKET, Vacuum pump	1
60096	GASKET, Fuel pump	1
61156	LOCKPLATE, Crankshaft gear	1
LW-14260	SEAL, Tachometer	1
61173	GASKET, Oil press. hsg.	1
61183	GASKET, Accessory adapter	1
61523	BOX, Set-up	1
62224	GASKET, Magneto adapter	3
62922	SEAL, Shroud tube	8
65321	GASKET, Exhaust flange	4
66224	GASKET, Carburetor	2
68315	GASKET, Accessory drive adapter	1
LW-13353	GASKET, Oil sump	1
69164	GASKET, Fuel pump adapter	1
69345	SPACER	4
69551	GASKET, Accessory pad cover	1
70310	SEAL, Shroud tube	8
71481	RING, Oil seal	4
71973	GASKET, Intake flange	4
72053	GASKET, Governor drive pad	2
72059	GASKET	1
72075	SEAL, Oil	6
72078	LOCKPLATE, Cam gear	2
72091	RING, Oil seal	2
73383	LOCKPLATE	2
73817	LOCKPLATE, Crankshaft idler gear shaft	2
73818	GASKET, Accessory housing	1
74065	RING, Oil level gage seal	1
74068	RING, Oil level gage seal	1
75906	GASKET, Rocker box cover	4
76510	GASKET	1
76940	SEAL, Crankshaft oil	1
LW-13792	SEAL, Crankshaft oil	1
LW-12272	LOCKPLATE, Shroud tube	4
LW-12681	GASKET, Magneto	2
LW-12795	GASKET	1
LW-14995	SPRING	4
LW-10332	LOCKPLATE	1
70455	GASKET	1
STD-1763	PALNUT	4

**SECTION 8
SERVICE KIT SECTION
SEAL AND GASKET SET
LO-360-A1G6D**

Part No.	Part Name	Qty.
LW-12945	SEAL AND GASKET SET	1
MS16625-1081	RING, Internal retaining	1
MS16625-1100	RING, Internal retaining	1
MS29512-10	SEAL	3
STD-111	GASKET	1
STD-208	SEAL, Oil	1
STD-294	GASKET	2
STD-1045	GASKET	1
8313	GASKET	1
60096	GASKET	1
LW-14260	SEAL, Tachometer drive	1
61523	BOX, Set-up	1
62922	SEAL, Shroud tube	8
65321	GASKET, Exhaust flange	8
66224	GASKET, Carburetor	1
LW-13353	GASKET, Oil sump	1
71481	SEAL, Cylinder base	4
71973	GASKET	4
72053	GASKET, Governor	1
72075	"O" RING	6
72091	RING, Oil seal	2
73383	LOCKPLATE	2
73818	GASKET, Accessory housing	1
74068	RING, Oil level gage	1
75906	GASKET, Rocker box cover	4
LW-12681	GASKET, Dual magneto	1
LW-10332	LOCKPLATE, Crankshaft	1
LW-13792	SEAL, Crankshaft	1
72059	GASKET, Oil level gage	1
70310	SEAL, Shroud tube	8
LW-12272	LOCKPLATE	4
LW-14995	SPRING	4
77154	GASKET, Carburetor	1
74065	RING, Oil level gage	1

SECTION 8
SERVICE KIT SECTION
SEAL AND GASKET SET
TO-360-C1A6D

Part No.	Part Name	Qty.
LW-14976	SEAL AND GASKET SET	1
AN901-8A	GASKET	1
STD-111	GASKET	1
STD-208	SEAL, Oil	1
STD-294	GASKET	2
STD-1045	GASKET	1
MS29512-4	SEAL, Oil	1
MS29512-10	SEAL, Oil	3
MS29513-138	SEAL, "O" ring	1
LW-10332	LOCKPLATE, Crankshaft	1
LW-11665	THRUST BUTTON	16
LW-12681	GASKET, Magneto	2
LW-13353	GASKET, Oil sump	1
LW-13473	GASKET, Carburetor inlet adapter	1
LW-13476	GASKET, Turbo comp. inlet	2
LW-13938	GASKET, Exhaust flange	8
LW-14063	GASKET, V-band coupling	1
LW-14260	SEAL, Tach. drive	1
LW-14485	GASKET, Turbo inlet	2
8313	GASKET, Vacuum pump	2
66732	GASKET, Rocker shaft cover	8
70310	SEAL, Shroud tube	16
70455	GASKET	1
71481	SEAL, Shroud tube	4
71973	GASKET, Intake flange	4
72053	GASKET, Governor	1
72059	GASKET	1
72075	RING, Oil seal	6
72091	RING, Oil seal	2
73383	LOCKPLATE	2
73818	GASKET, Accessory housing	1
74065	RING, Oil level gage	1
76036	GASKET, Rocker box cover	4
77154	GASKET, Carburetor	2
61523	BOX, Set-up	1
LW-15628	SEAL, Crankshaft oil	1
LW-14528	GASKET, Turbo oil drain	1

SECTION 8
SERVICE KIT SECTION
CYLINDER, PISTON AND RING ASSY.
O-360-C SERIES; LO-360-A1G6D

Part No.	Part Name	Qty.
76296	CYLINDER, PISTON AND RING ASSY.	1
STD-1411	NUT, Plain, 1/4-20	1
STD-1925	SCREW	6
60009	KEY, Valve, intake	2
62922	SEAL, Shroud tube	2
LW-13790	SHAFT, Valve rocker	1
60828	PLUG, Piston pin	2
75906	GASKET, Rocker box cover	1
61247	COVER, Rocker box	1
MS13998-3	CAP, Valve stem, exhaust (rotator type)	1
LW-11800	SPRING, Valve, outer	2
65441	SEAT, Valve spring, lower (intake)	1
LW-11795	SPRING, Valve, inner	2
LW-10077	SEAT, Valve spring, upper, intake	1
LW-14995	SPRING, Shroud tube	1
LW-12272	LOCKPLATE, Shroud tube	1
69444	ROCKER ASSY., Valve intake	1
LW-10076	SEAT, Valve spring, upper, exhaust (rotator type)	1
LW-14077	PIN, Piston	1
70310	SEAL, Shroud tube	2
71195	BOX, Set-up	1
71481	SEAL, Cylinder base	1
74541	VALVE, Exhaust (rotator type) sodium cooled chrome stem	1
MS13997-3	KEY, Valve, exhaust (rotator type)	2
73857 or		
LW-12328	RING, Piston, oil reg. (ch.) (expander type)	1
73938	VALVE, Intake	1
74241	RING, Piston compression (ch.)	2
LW-12427	CYLINDER AND HEAD ASSY., Nitrided, straight valve head	1
75089	PISTON	1
74636	ROCKER ASSY., Exhaust	1
LW-13323	SEAT, Valve spring lower, exhaust	1
LW-12892	THRUST BUTTON	2
STD-1215	BOLT	2
72198	PLUG	2
SSP672	TAG	1
LW-11775	PLUG, Piston pin (alum.)	2
SSP2472	TAG	1

SECTION 8
SERVICE KIT SECTION
CYLINDER, PISTON AND RING ASSY.
TO-360-C1A6D

Part No.	Part Name	Qty.
LW-14977	CYLINDER, PISTON AND RING ASSY.	1
STD-160	WASHER	2
STD-1215	BOLT	2
STD-2059	SCREW	8
MS13997-3	KEY, Valve, exhaust	2
MS13998-3	CAP, Valve, exhaust	1
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71195	BOX, Set-up	1
71481	SEAL, Cylinder base	1
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