

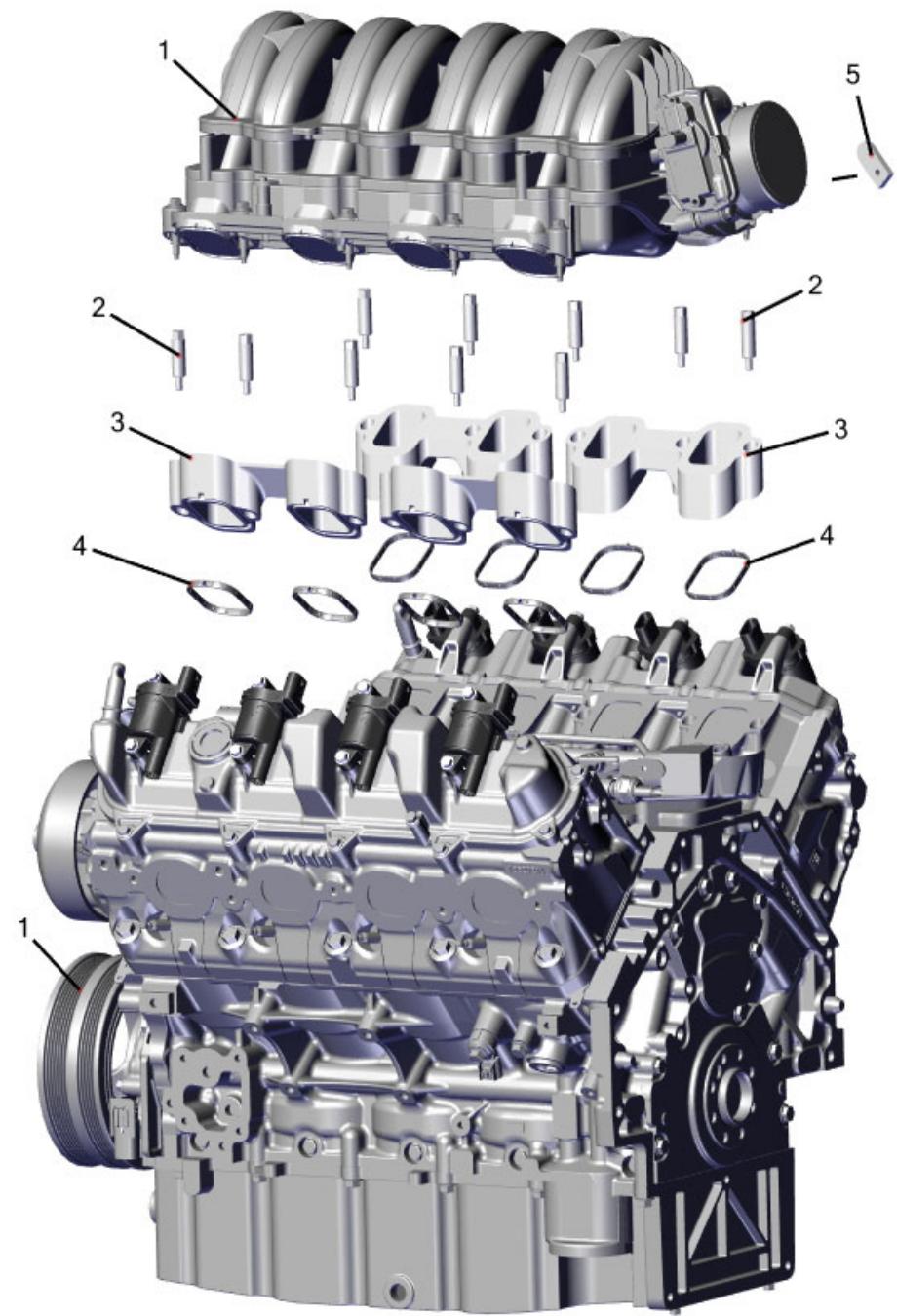


**PCM marine engines**

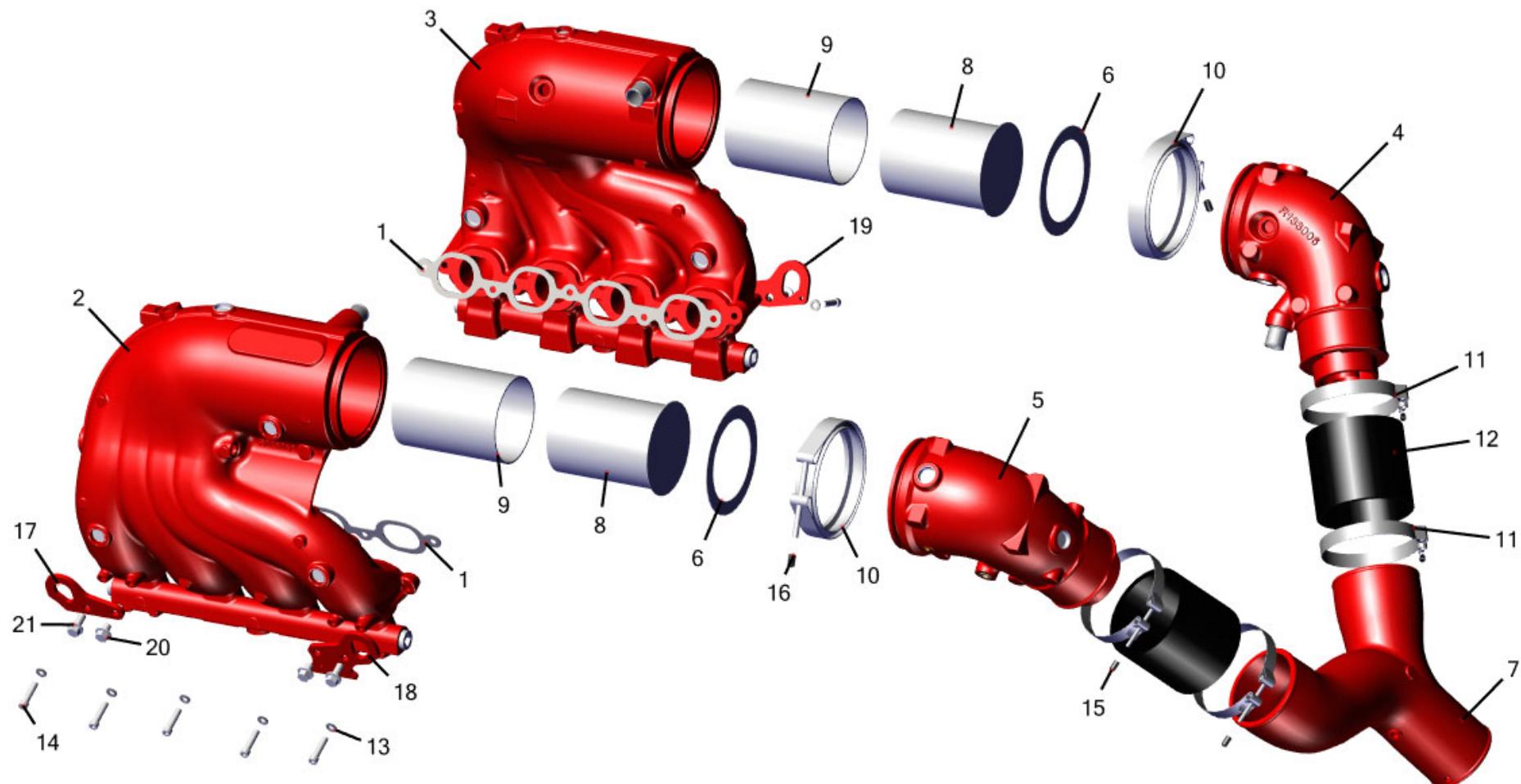
**2020 MY  
Parts Manual  
Model Number  
P 02 05 B 02 1 SFW 20**



**PERFORMANCE TO MOVE YOU**

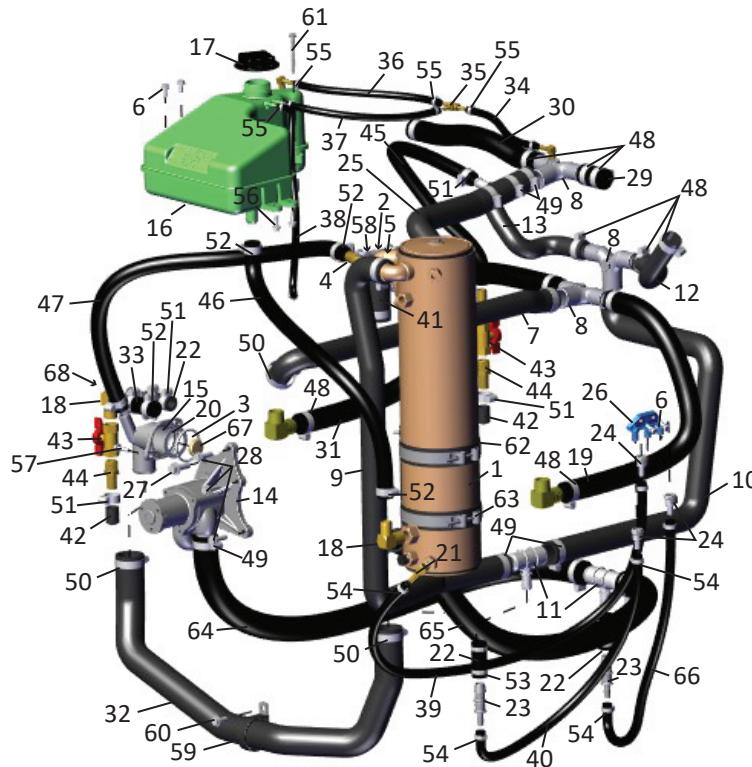


ITEM NO.	PartNo	DESCRIPTION	QTY.
1	RB001029	BASE ENGINE, 5.3L DI	1
2	R095045	STUD, INTAKE	10
3	R062099	SPACER, INTAKE	4
4	RM0306	GASKET, INTAKE, GEN V	8
5	R109058	PLATE, COVER	1



ITEM NO.	PartNo	DESCRIPTION	QTY.
1	RM0303	GASKET, EXHAUST MANIFOLD	2
2	RA028032B	MANIFOLD ASSY, LEFT, DI	1
3	RA028033B	MANIFOLD ASSY, RIGHT, DI	1
4	RA133006B	CORNER ASSY, RIGHT, DI	1
5	RA133007B	CORNER ASSY, LEFT	1
6	RM0304	GASKET, CORNER	2
7	R133008	Y-PIPE, DI	1
8	R144004A	CATALYST, COATED	2
9	RM0291	MESH, CATALYST	2
10	R171012	CLAMP, V-BAND	2
11	R171013	CLAMP, T-BOLT, 4 1/2 DIA	4

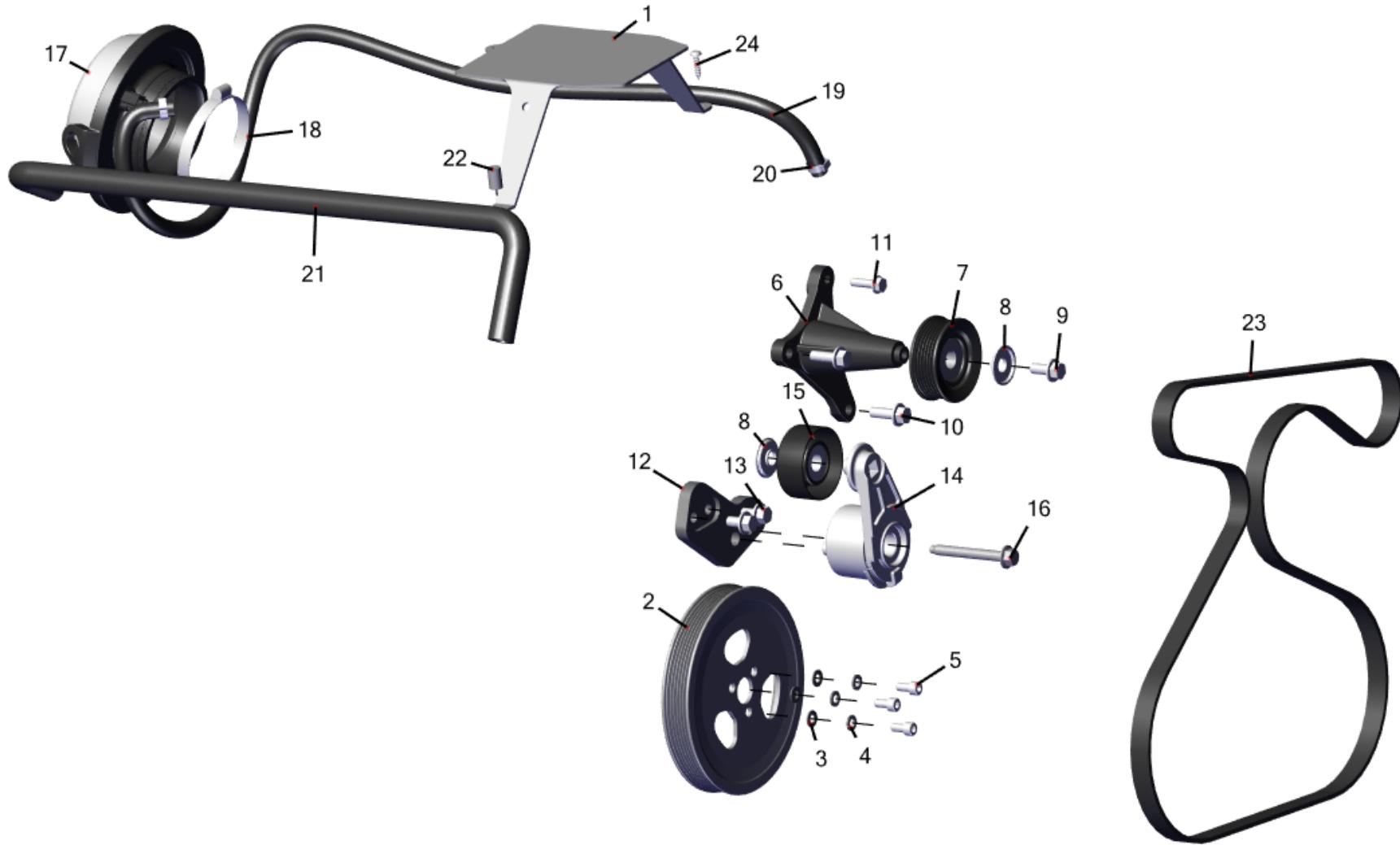
ITEM NO.	PartNo	DESCRIPTION	QTY.
12	R045242	HOSE, EXHAUST, 4 1/2 DIA X 4 1/2 LONG	2
13	93934000	LOCKWASHER, M8, SS	10
14	RS6284	SHCS, M8 X 1.25 X 35, SS	10
15	R128002	COVER, T-BOLT END	4
16	R128004	VACUUM CAP	2
17	R042021	LIFTING EYE	2
18	R042021B	LIFTING EYE	1
19	R042021A	LIFTING EYE	1
20	98447016	FHCS, M10 X 1.5 X 16	4
21	98447025	FHCS, M10 X 1.5 X 25	4



ITEM NO.	PartNo	DESCRIPTION	QTY.	LENGTH (IN.)
1	RA147062	HEAT EXCHANGER, 5IN	1	
2	R026007	T'STAT 170 DEG. w/HOLE	1	
3	R047264	SEAL, TSTAT	2	
4	R024069	CONNECTOR, HOSE .5 NPT X .75	1	
5	R025045B	HSG, TSTAT	1	
6	98225016	FHCS, M6 X 1.0 X 16,SS	8	
7	R045254	HOSE, FWC, CIRC PUMP OUTLET TO TEE	1	
8	R024054D	TEE, 1X1X1 1/4	3	
9	R045266	HOSE, HE TO DRAIN	1	
10	R045267	HOSE, DRAIN TO CORNER TEE	1	
11	R024278	TEE, 1 1/4 X 1 1/4 X 5/8 HOSE	3	
12	R045255	HOSE, TEE TO CORNER FWC DI	1	
13	R045256	HOSE, TEE TO CORNER FWC DI	1	
14	RA057038	PUMP, RW, DI	1	
15	R025051	HSG, WATERNECK, 2020 DI	1	
16	R146003	RESERVOIR, DEGAS BOTTLE	1	
17	R034045	CAP, DEGAS BOTTLE	1	
18	R024070	FITTING, 1/2 NPT X 3/4 HOSE 90 DEGREE	2	
19	20866	HOSE, 1" WIRE REINFORCED BULK	1	26"
20	R169067	SHIM 2.125 X 1.5 X .045	1	
21	R024089	FITTING, .25 NPT X .375 HOSE BARB 90 DEGREE	1	
22	20806	HOSE, 5/8" BULK	3	3"
23	R024289	FITTING, REDUCER, .625 HOSE TO .375 HOSE	2	

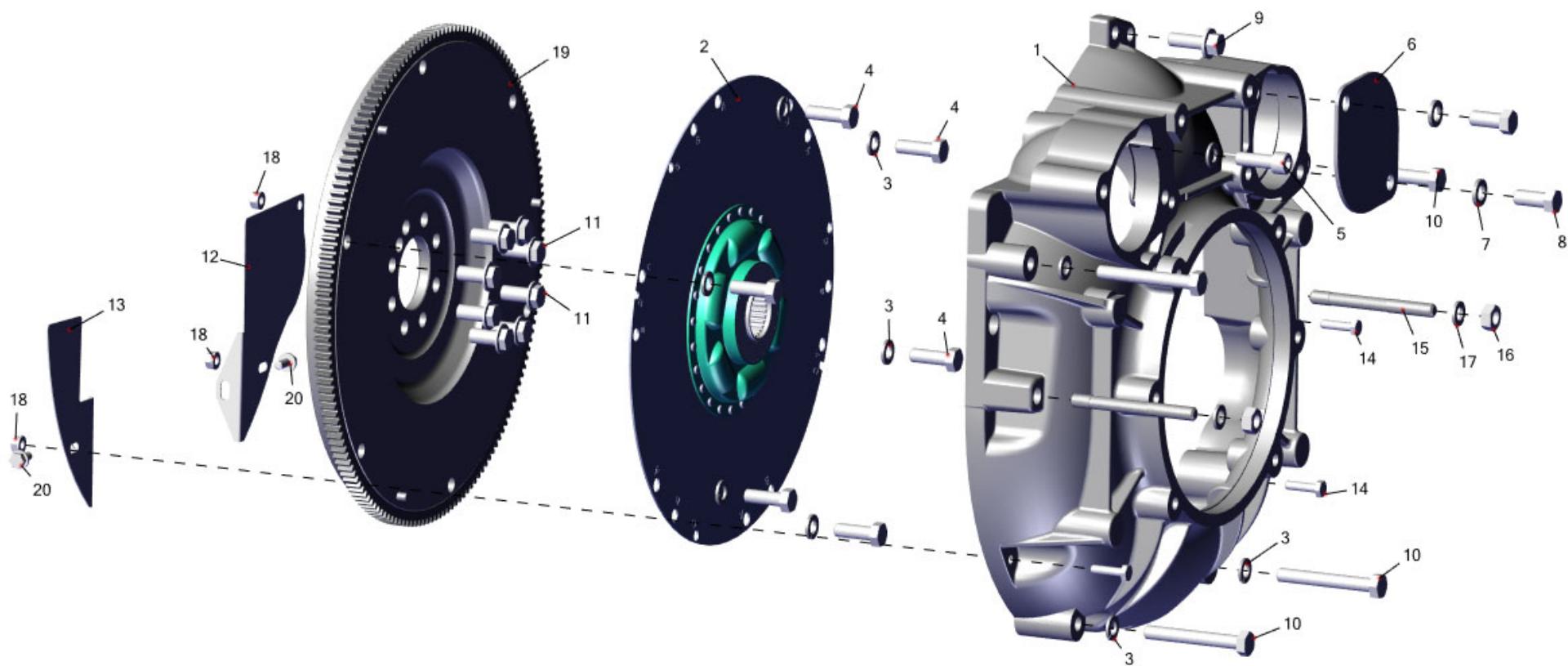
ITEM NO.	PartNo	DESCRIPTION	QTY.	LENGTH (IN.)
24	R024287	DRAIN, QUICK CONNECT .375 HOSE BARB COUPLER	3	
25	R045279	HOSE, MANIFOLD TEE TO 90 DEG TSTAT HOUSING	1	
26	R069083	PLUG, RAW WATER DRAIN	1	
27	98442030	FHCS, M10 X 1.5 X 30	1	
28	98337030	FHCS, M8 X 1.25 X 30	3	
29	R045107	HOSE, 1" BULK	1	4"
30	R045107	HOSE, 1" BULK	1	10.5"
31	20866	HOSE, 1" WIRE REINFORCED BULK	1	30"
32	R045268	HOSE, FWC, HE TO CIRC PUMP	1	
33	R045153	HOSE, 3/4" BULK	1	3"
34	R045132	HOSE, 1/4" BULK	1	15"
35	R024245	FITTING TEE 1/4" HOSE BARB	1	
36	R045132	HOSE, 1/4" BULK	1	15"
37	R045132	HOSE, 1/4" BULK	1	9"
38	R045132	HOSE, 1/4" BULK	1	19"
39	R045049	HOSE, 3/8" BULK	1	34"
40	R045049	HOSE, 3/8" BULK	1	22"
41	R045257	HOSE, DUAL COOLER TO HE	1	
42	R128007	CAP, RUBBER 5/8"	2	
43	R035039A	VALVE, BALL	2	
44	30645	CONNECTOR, .5 NPT X .625 HOSE	3	
45	20806	HOSE, 5/8" BULK	1	28"
46	R045153	HOSE, 3/4" BULK	1	27"

ITEM NO.	PartNo	DESCRIPTION	QTY.	LENGTH (IN.)
47	R045153	HOSE, 3/4" BULK	1	30"
48	RS3851	CLAMP, #16	12	
49	RS3858	CLAMP, #20	15	
50	RS3868	CLAMP, #24	3	
51	RS3864	CLAMP, #8	6	
52	RS3865	CLAMP, #10	6	
53	R127087F	CLAMP, OETIKER 1"	4	
54	R127087C	CLAMP, OETIKER, 23/32"	6	
55	R127087A	CLAMP, OETIKER, 5/8"	8	
56	90124075	FHCS, 25-20 X .75, SS	2	
57	98222025	FHCS, M8 X 1.0 X 25	2	
58	R047243	O'RING, MODULAR RWP BOLT	4	
59	22118	CLAMP, Z" COATED	1	
60	98335020	FHCS, M6 X 1.25 X 20 SS	1	
61	91125250	SCREW, #14-10 X 2.5 SS	1	
62	R094055	ISOLATOR, HEAT EXCHANGER	1	
63	R171009	CLAMP, T-BOLT	2	
64	20865	HOSE, 1 1/4" WIRE REINFORCED BULK	1	36"
65	20865	HOSE, 1 1/4" WIRE REINFORCED BULK	1	32"
66	R045049	HOSE, 3/8" BULK	1	29"
67	R069081	PLUG, 28MM	1	
68	R069084	PLUG, 5/8" HOSE, GFN	1	



ITEM NO.	PARTNO	DESCRIPTION	QTY.	LENGTH (IN.)
1	R090502	PLATE, DI DECAL	1	
2	R065050	PULLEY, RWP, 6.0L	1	
3	92934020	FLAT WASHER, M8, SS	3	
4	93934000	LOCKWASHER, M8, SS	3	
5	99335016	SHCS, M8 x 1.25 x 16	3	
6	R090479B	BRKT, IDLER, DI	1	
7	R065054	PULLEY, IDLER, RIBBED	1	
8	R096145	WASHER, IDLER	2	
9	98447025	FHCS, M10 X 1.5 X 25	1	
10	98442030	FHCS, M10 X 1.5 X 30	2	
11	98337030	FHCS, M8 X 1.25 X 30	1	
12	R090489	BRKT, TENSIONER	1	
13	98447020	FHCS, M10 X 1.5 X 20	2	

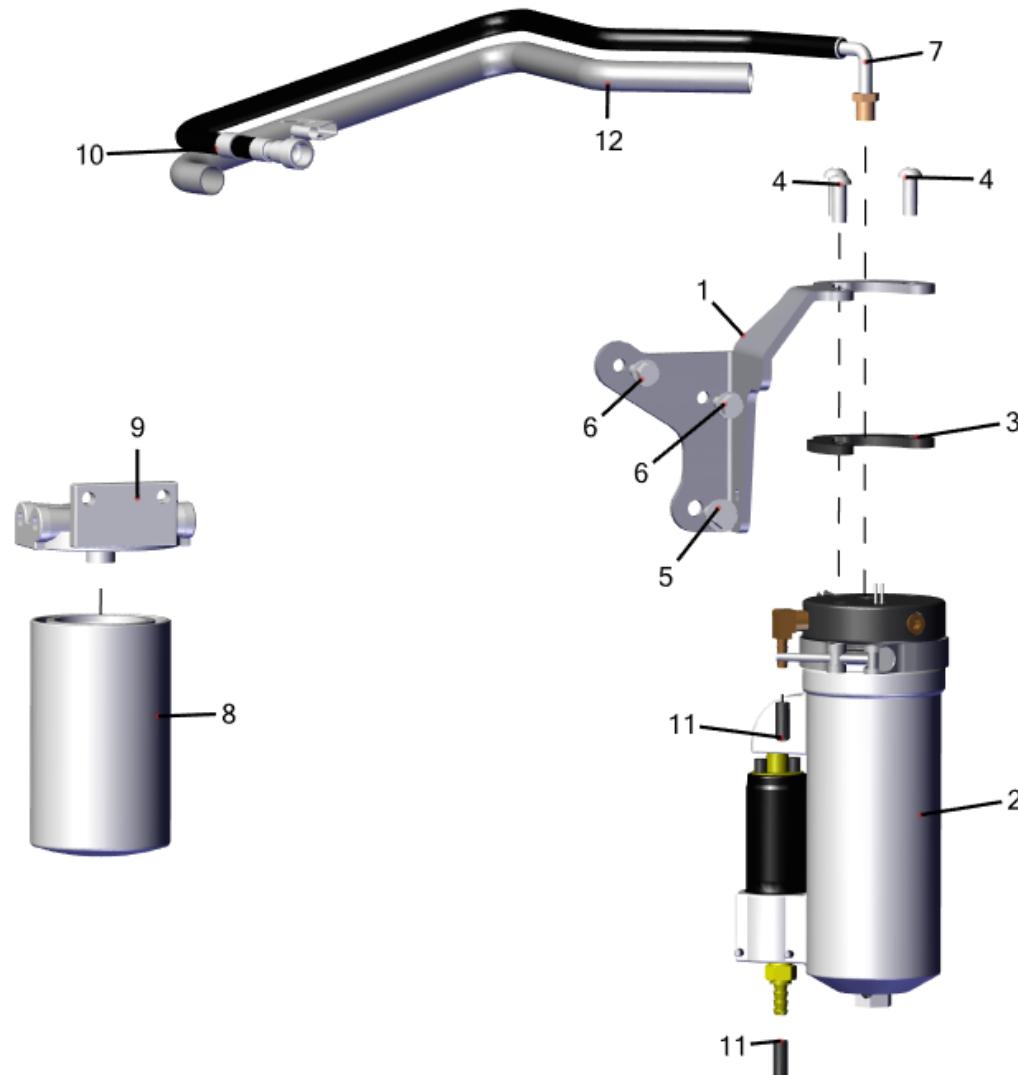
ITEM NO.	PARTNO	DESCRIPTION	QTY.	LENGTH (IN.)
14	RA068008	TENSIONER, DRIVE BELT	1	
15	R065064	PULLEY, 70 MM	1	
16	R009216	BOLT, TENSIONER, GM	1	
17	R145029	FLAME ARRESTOR	1	
18	RS3857	CLAMP, #64	1	
19	R045049	HOSE, 3/8" OIL RESISTANT LINE	1	39"
20	R127087C	CLAMP, OETIKER, 23/32"	2	
21	R045229	HOSE, VALVE COVER VENT	1	
22	R062103	SPACER, DEGAS BOTTLE	1	
23	R066042	BELT, SERPENTINE 6.2L DI, 13/16" X 77-3/8"	1	
24	91700100	SCREW, #14-10 X 1.0 BHCS -TORX	1	



ITEM NO.	PartNo	DESCRIPTION	QTY.
1	R142015E	FLYWHEEL HSG	1
2	R140024	DAMPER	1
3	93940000	LOCKWASHER, M10	11
4	98446030	HHCS, M10 X 1.5 X 30	6
5	99443030	SHCS, M10 x 1.5 x 30	1
6	R019010	PLATE, COVER	1
7	RS2181	LOCKWASHER, 7/16	2

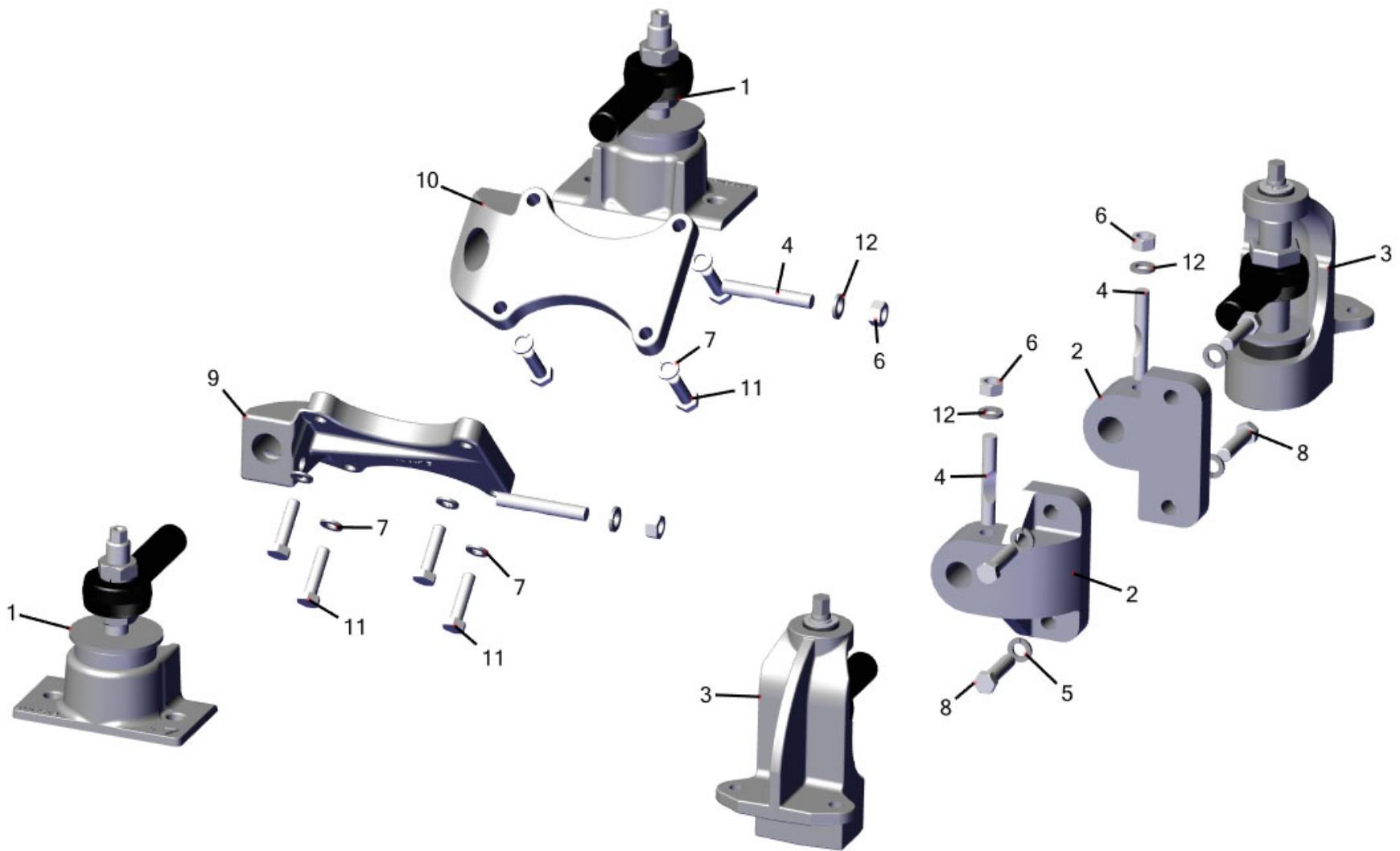
ITEM NO.	PartNo	DESCRIPTION	QTY.
8	RS0327	HHCS, 7/16-14 X 1.00	2
9	98442030	FHCS, M10 X 1.5 X 30	1
10	98446075	HHCS, M10 X 1.5 X 75	4
11	R009205	BOLT, FLYWHEEL	8
12	R019011A	PLATE, FLYWHEEL COVER	1
13	R019012	PLATE, FLYWHEEL COVER	1
14	RS0256	HHCS, 1/4 -20 X 1.00	3

ITEM NO.	PartNo	DESCRIPTION	QTY.
15	R031034	STUD, FLYWHEEL HSG	2
16	97444000	HEX NUT, M10 X 1.5, SS	2
17	93944000	LOCKWASHER, M10	2
18	RS1078	KEPS NUT, 1/4-20	3
19	RA138019A	FLYWHEEL, REAR ENTRY, DI	1
20	98222016	FHCS, M6 X 1.0 X 16	2



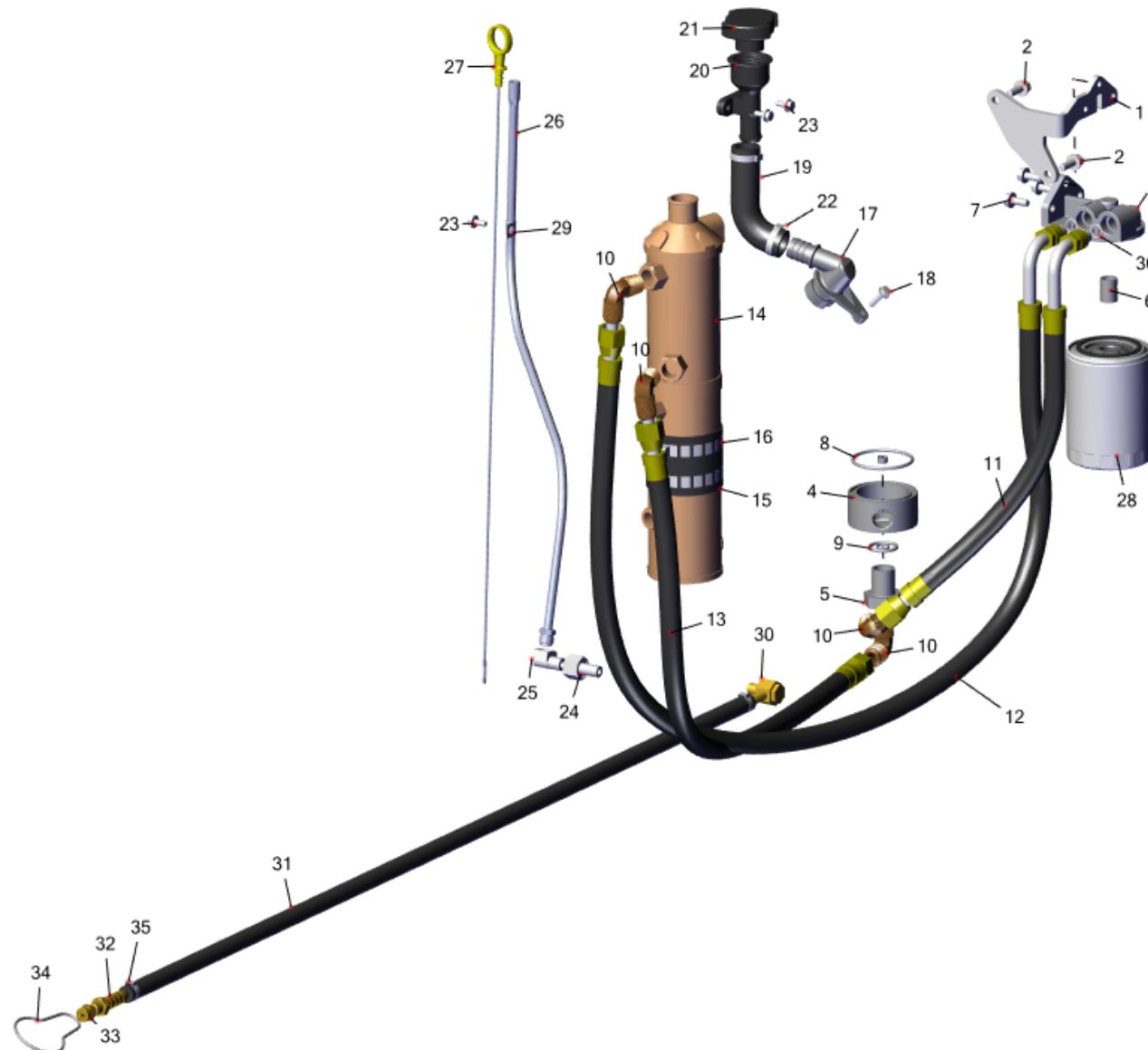
ITEM NO.	PartNo	DESCRIPTION	QTY.	LENGTH (IN.)
1	R090420	BRACKET, FUEL CONTROL CELL	1	
2	RA080038	FCC, DI	1	
3	R062100	SPACER, INSULATOR FCC, GEN 5	1	
4	90384100	BHSCS, 3.8-16 X 1	3	
5	98447025	FHCS, M10 X 1.5 X 25	1	
6	98332025	FHCS, M8 X 1.25 X 25	2	
7	RA085106	FUEL LINE, FORMED, GEN V	1	

ITEM NO.	PartNo	DESCRIPTION	QTY.	LENGTH (IN.)
8	R077019	FILTER, FUEL	1	
9	R079076	HEADER, FUEL FILTER	1	
10	R127050	CLAMP, COATED	1	
11	45343	RUBBER CAP, 3/8" I.D.	2	
12	R102004	SHEATH, ABRASION RESISTANT	1	24

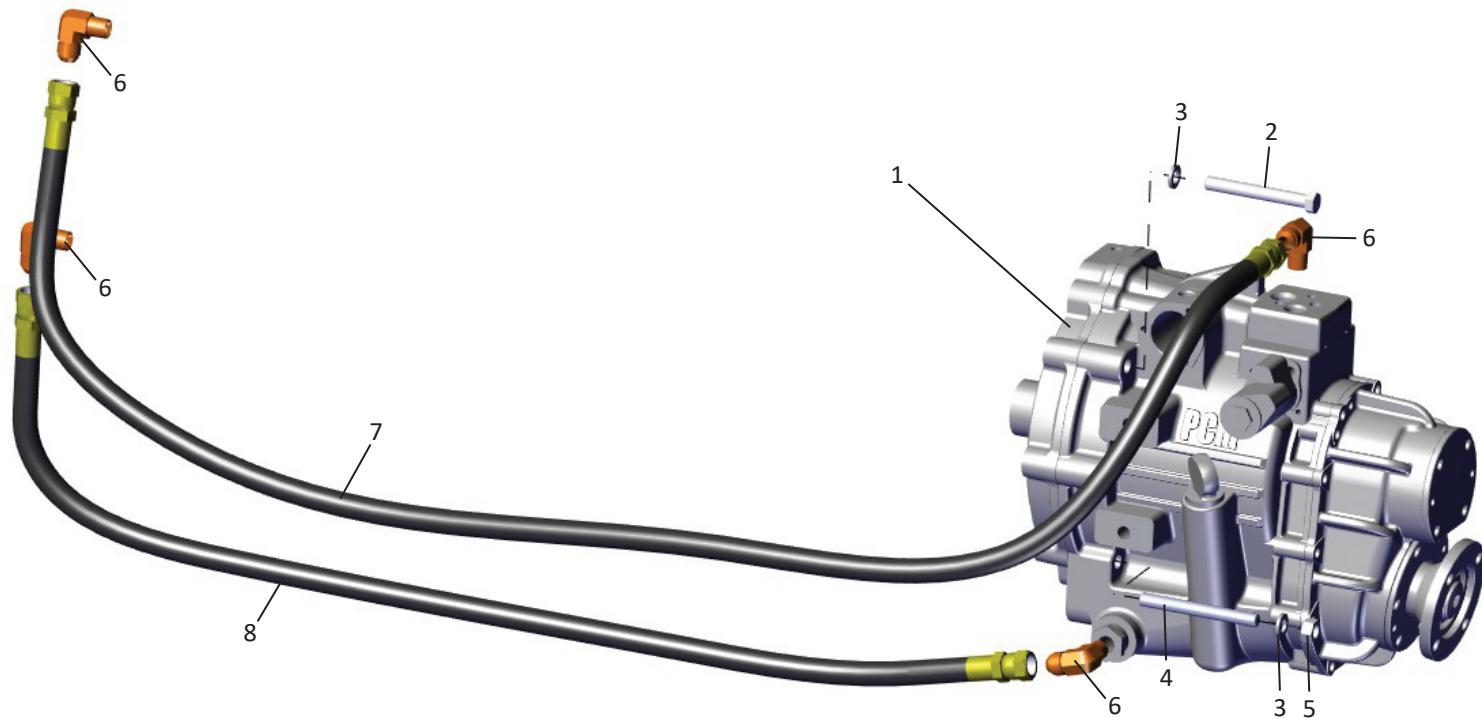


ITEM NO.	PartNo	DESCRIPTION	QTY.
1	RA092016	FLAT MOUNT	2
2	R090205	BRKT, MOUNT	2
3	RA092011A	MOUNT, REAR,	2
4	R095020	BOLT, MOUNT LOCK	4
5	93404000	LOCKWASHER, 7/16 S/S	4
6	RS1529	HEX NUT, 7/16-20	4
7	93940000	LOCKWASHER, M10	8

ITEM NO.	PartNo	DESCRIPTION	QTY.
8	RS0330	HHCS, 7/16-14 X 1.75	4
9	R090415	BRACKET, ENGINE MOUNT	1
10	R090416	BRACKET, ENGINE MOUNT	1
11	98443040	HHCS, M10 X 1.5 X 40	8
12	RS2181	LOCKWASHER, 7/16	4

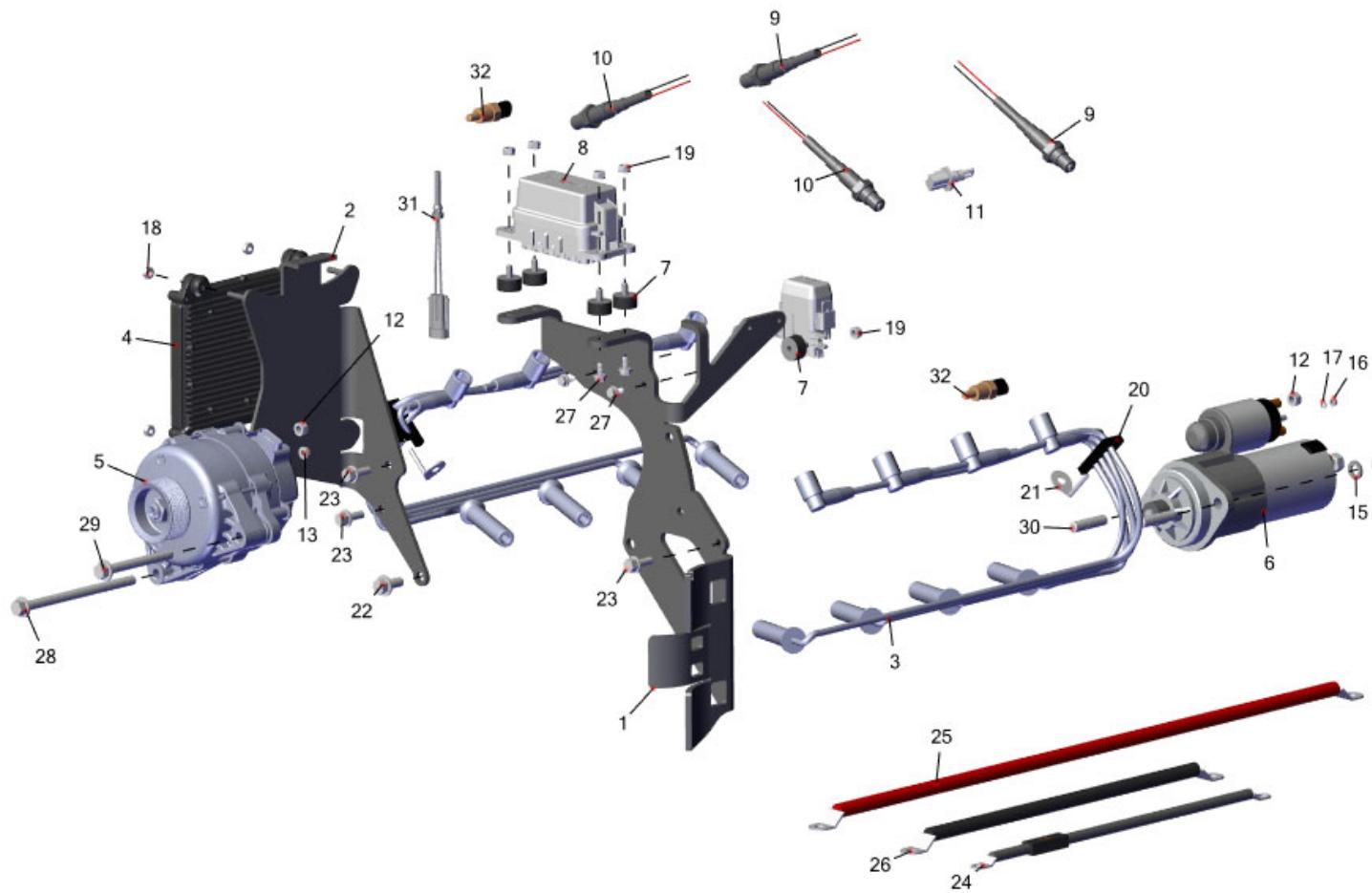


ITEM NO.	PARTNO	DESCRIPTION	QTY.	LENGTH (IN.)
1	R090490	BRKT, OIL HEADER	1	
2	98332025	FHCS, M8 X 1.25 X 25	2	
3	R079066	REMOTE OIL FILTER HEAD	1	
4	R079067	OIL ADAPTER	1	
5	R079075	ADAPTER, OIL RETAINING NUT	1	
6	R024203	NIPPLE, FILTER ADAPTER	1	
7	98337020	FHCS, M8 X 1.25 X 20	3	
8	R047240	O-RING, ROF ADAPTER	1	
9	R047202	O-RING	1	
10	R024184	ELBOW, 1/2 NPT X 5/8 SAE 45 FITTING	4	
11	RA045120H	HOSE, OIL (20.00")	1	
12	RA045120I	HOSE, OIL (55.50")	1	
13	RA045121C	HOSE, OIL LINE ASSY	1	
14	R147061	DUAL COOLER, 3"	1	
15	R094056	ISOLATOR, DUAL COOLER	1	
16	RS3866	CLAMP, #52	2	
17	R024273	ADAPTER, OIL FILL	1	
18	98222025	FHCS, M6 X 1.0 X 25	1	
19	R045230	HOSE, OIL FILL	1	
20	R034051	RISER, OIL FILL	1	
21	R034052	CAP, OIL FILL	1	
22	R127087K	CLAMP, OETIKER 1-1/16"	2	
23	98225016	FHCS, M6 X 1.0 X 16,SS	3	
24	R024200	FITTING, OIL PAN DIPSTICK ADPT.	1	
25	R024017	ELBOW,3/8 INV FLARE X 1/4 NPT	1	
26	R041110	DIPSTICK TUBE, GEN V	1	
27	R041109	DIPSTICK	1	
28	R077001	OIL FILTER, PCM	1	
29	R127065	CLAMP	1	
30	R024213	FITTING, BANJO, OIL DRAIN	1	
31	R045049	HOSE, 3/8" OIL RESISTANT BULK	1	48"
32	R024061	CONNECTOR, 1/4" NPT X 3/8" HOSE, STRAIGHT	1	
33	R024066A	CAP, 1/4" NPT	1	
34	R190123	HOOK, CURTAIN	1	
35	R127087C	CLAMP, OETIKER, 23/32"	2	
36	R047245	O-RING, OIL HOSE	2	

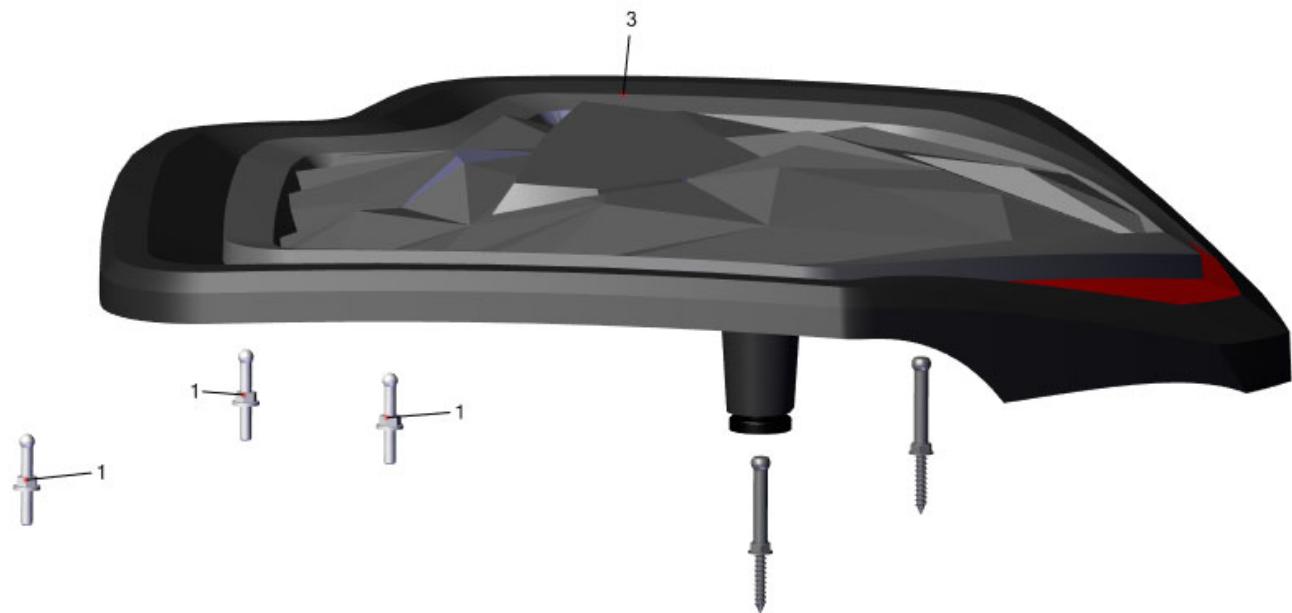


ITEM NO.	PARTNO	DESCRIPTION	QTY.
1	RA157027E	TRANSMISSION, 80A	1
2	RS0337	HHCS, 7/16-14 X 3.50	2
3	RS2181	LOCKWASHER, 7/16	4
4	96541	STUD, 7/16-14 X 4	2
5	RS1029	HEX NUT, 7/16-14	2

ITEM NO.	PARTNO	DESCRIPTION	QTY.
6	R024010	ELBOW, 3/8 NPT X 1/2 SAE	4
7	RA045007V	HOSE, TRANSMISSION, 60"	1
8	RA045007W	HOSE, TRANSMISSION, 40.5"	1



ITEM NO.	PARTNO	DESCRIPTION	QTY.
1	R090492	BRKT, HE, FB, DEGAS, DC	1
2	R090491	BRKT, ECM, DEGAS BOTTLE	1
3	RK120025	PLUG WIRE SET, GEN V	1
4	R116029	ECM, DI	1
5	RA097012	ALT, 120A REMY	1
6	RA122009	STARTER, TOP MOUNT	1
7	R094044	ISOLATOR, FUSE BOX	6
8	RA121122B	WIRE HARNESS, DI	1
9	R020051	SENSOR, O2	2
10	R020056	SENSOR, O2, WIDE BAND	2
11	R020063	AIR TEMP SENDER	1
12	97330060	KEPS NUT, M8 X 1.25	2
13	97220060	NUT, KEPS, M6 X 1.0	1
14	RS1029	HEX NUT, 7/16-14	2
15	RS2181	LOCKWASHER, 7/16	2
16	RS7036	HEX NUT, M5 X .8	1
17	93003000	LOCKWASHER, M5	1
18	97224300	LOCKNUT, NYLON, M6 X 1.0, SS	4
19	95104060	KEPS NUT, 1/4-20, SS	6
20	R127090	RETAINER, PLUG WIRE	2
21	R096144	WASHER, PLUG WIRE RETAINER	2
22	98447025	FHCS, M10 X 1.5 X 25	1
23	98332025	FHCS, M8 X 1.25 X 25	3
24	R153022	FUSE LINE, 150 AMP 48"	1
25	R101020	2/0 BATTERY LEAD, 28"	1
26	R101021	2/0 GROUND LEAD, 15"	1
27	90124050	FHCS, .25-.20 X .50, SS	4
28	R009220	BOLT, ALT, LONG	1
29	R009219	BOLT, ALT, SHORT	1
30	R031018	STUD, 7/16-14	2
31	R020071	SENSOR, DEGAS COOLANT LEVEL	1
32	R020019	SENDER, TEMP	2
NI	R121117	HARNESS, ELECT SHIFT ADAPTER	1



ITEM NO.	PARTNO	DESCRIPTION	QTY.
1	R095044	STUD, HOOD RETAINING	3
2	R095047	STUD, STANDOFF ENGINE COVER	2

ITEM NO.	PARTNO	DESCRIPTION	QTY.
3	R060111	HOOD, PCM DI NAUTIQUE RED SHORT	1



ITEM NO.	PartNo	DESCRIPTION	QTY.
1	R143175	DECAL, "CAUTION HOT"	5
2	R143287	DECAL, CXS CATANIUM CHROMAX	2
3	R143155	DECAL, ANODE WARNING	1
4	R143156	DECAL, RAW WATER DRAIN	1
5	R143194	DECAL, EMISSIONS, 4 STAR	2
6	L190232	PRE-OPERATION CHECKLIST	1
7	R143161A	DECAL, EMISSION LABEL (CARB)	1
8	22289	TAG, OK FOR SHIPMENT	1
9	R143112E	DECAL, FCC	1
10	R143114	DECAL, FCC FUEL LEAKAGE WARNING	1
11	STA-BIL	STA-BIL SUPPLIED DECAL	1

ITEM NO.	PartNo	DESCRIPTION	QTY.
12	R143253	"TOP" INDICATOR	1
13	L510040	MANUAL, OWNER'S	1
14	22835	DECAL, BATTERY GROUND	2
15	R143295	DECAL, COOLANT FILL	1
16	R143288	DECAL, DEGAS/SPEC/DRAIN	1
17	R143001E	DECAL, SERIAL NUMBER	2
18	R143254-XX	LABEL, EPA EMISSION 5.3L & 6.2L DI	1
19	R143255-XX	LABEL, CARB EMISSION 5.3L & 6.2L DI	1
20	R143296	DECAL, WARNING "HOT"	1