



**POWER SOLUTIONS  
INTERNATIONAL**

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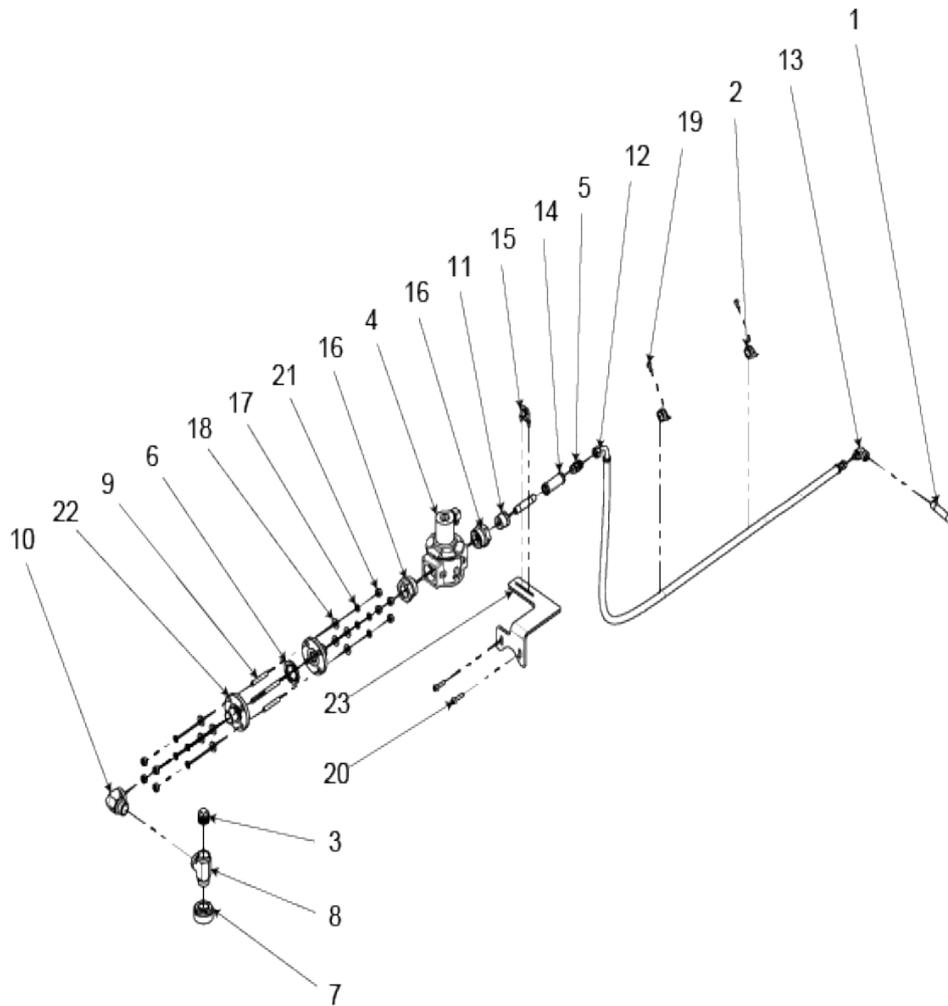
**ENGINE (CERT) (TURBO)**

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# KIT, FAST START FUEL

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Z58070420

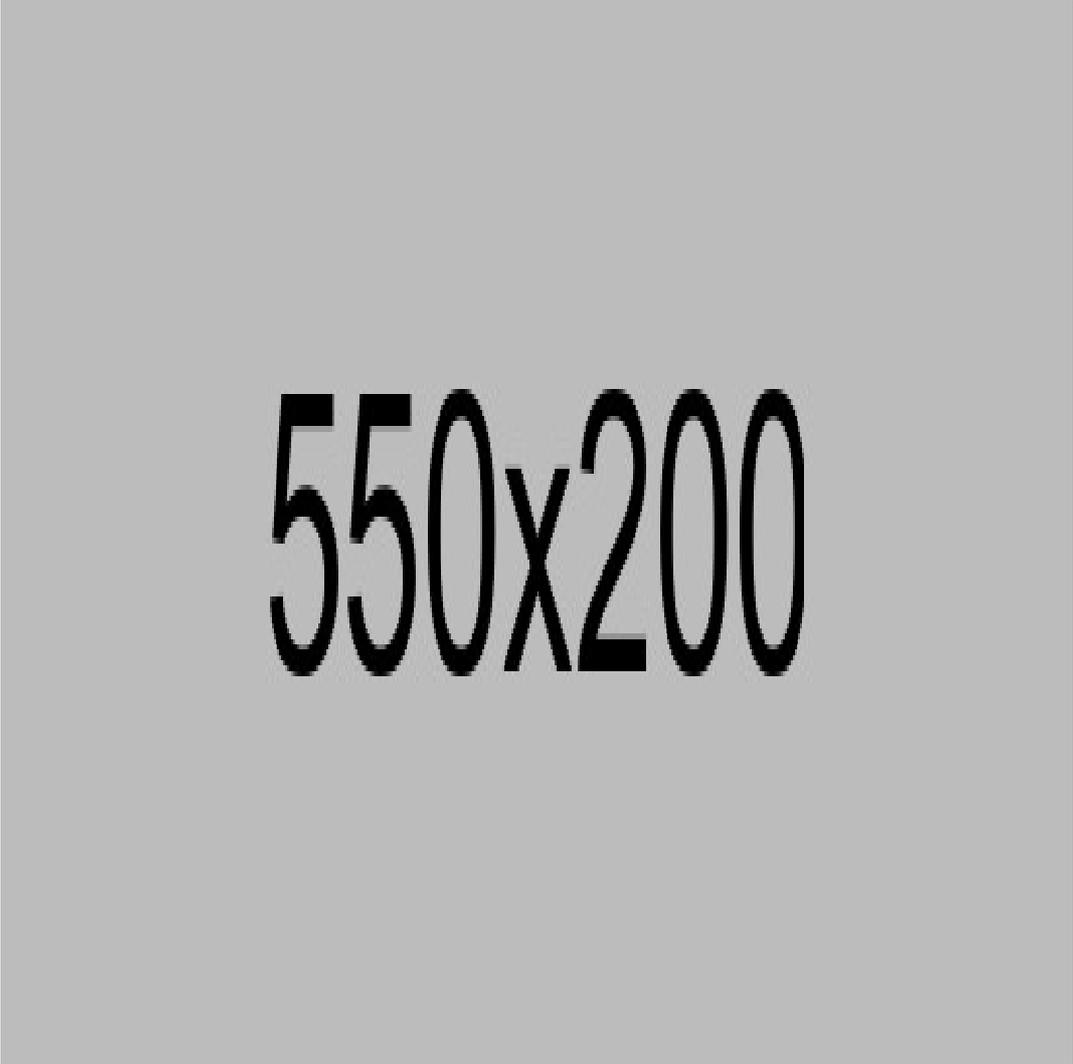
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Call Out Number	Part Number	Part Description	Qty
1	Z32500563	NIPPLE, PIPE	4
2	Z32501423	CLAMP	4
3	Z32502077	PLUG	2
4	Z32502220	VALVE L/O 2"	2
5	Z32502255	FITTING 1/2" NPT	2
6	Z32503303	GASKET	2
7	Z32503304	FITTING	4
8	Z32503309	FITTING	2
9	Z32503310	STUD	8
10	Z32503311	FITTING	2
11	Z32503312	FITTING	2
12	Z32503313	HOSE	2
13	Z32503314	FITTING	2
14	Z32503315	VALVE, CHECK	2
15	Z32503316	CLAMP	2
16	Z32503326	FITTING	4
17	Z35000095	WASHER	16
18	Z35000096	WASHER, FLAT	16
19	Z35000526	SCREW	4
20	Z35001084	BOLT	4
21	Z35001370	NUT	16
22	Z52500458	PIPE ASSEMBLY	4
23	Z52500469	BRACKET	1
24	Z52500470	BRACKET	1

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# KIT, CERTIFIED CATALYST

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550x200

Z59300172

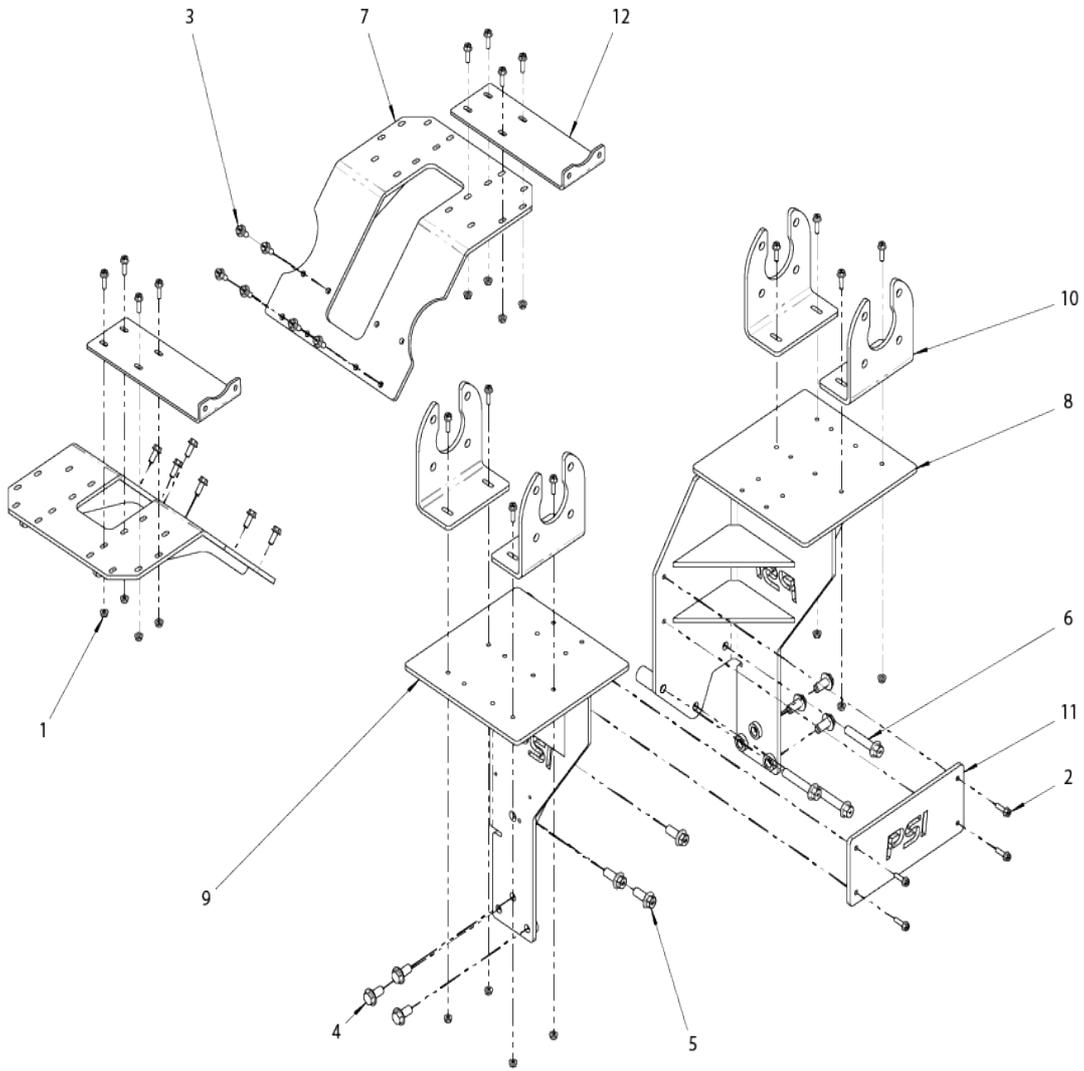
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Call Out Number	Part Number	Part Description	Qty
1	Z13500271	FITTING	1
2	Z32501267	SENSOR, O2	2
3	Z32502221	VALVE L/O 3"	2
4	Z35000699	NUT	8
5	Z35000931	BOLT	2
6	Z35001291	NUT	60
7	Z35001292	SCREW	60
9	Z52500322	GASKET, LOCKOFF 53L	4
10	Z53500008	HOSE	1
11	Z53500262	GASKET, CATALYST	6
12	Z53500270	SPACER	60
13	Z53500276	RETAINER, CATALYST PLUG	2
14	Z53500277	WASHER, SS CRUSH SEALING	2
15	Z53500278	PLUG	2
17	Z58070101	KIT, BARRING OVER	1
18	Z58200171	ECU, PROGRAMMED	1
19	Z58200173	ECU, PROGRAMMED	1
20	Z58900114	CATALYST	2

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# FUEL SYSTEM BRACKETS

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Z58070008

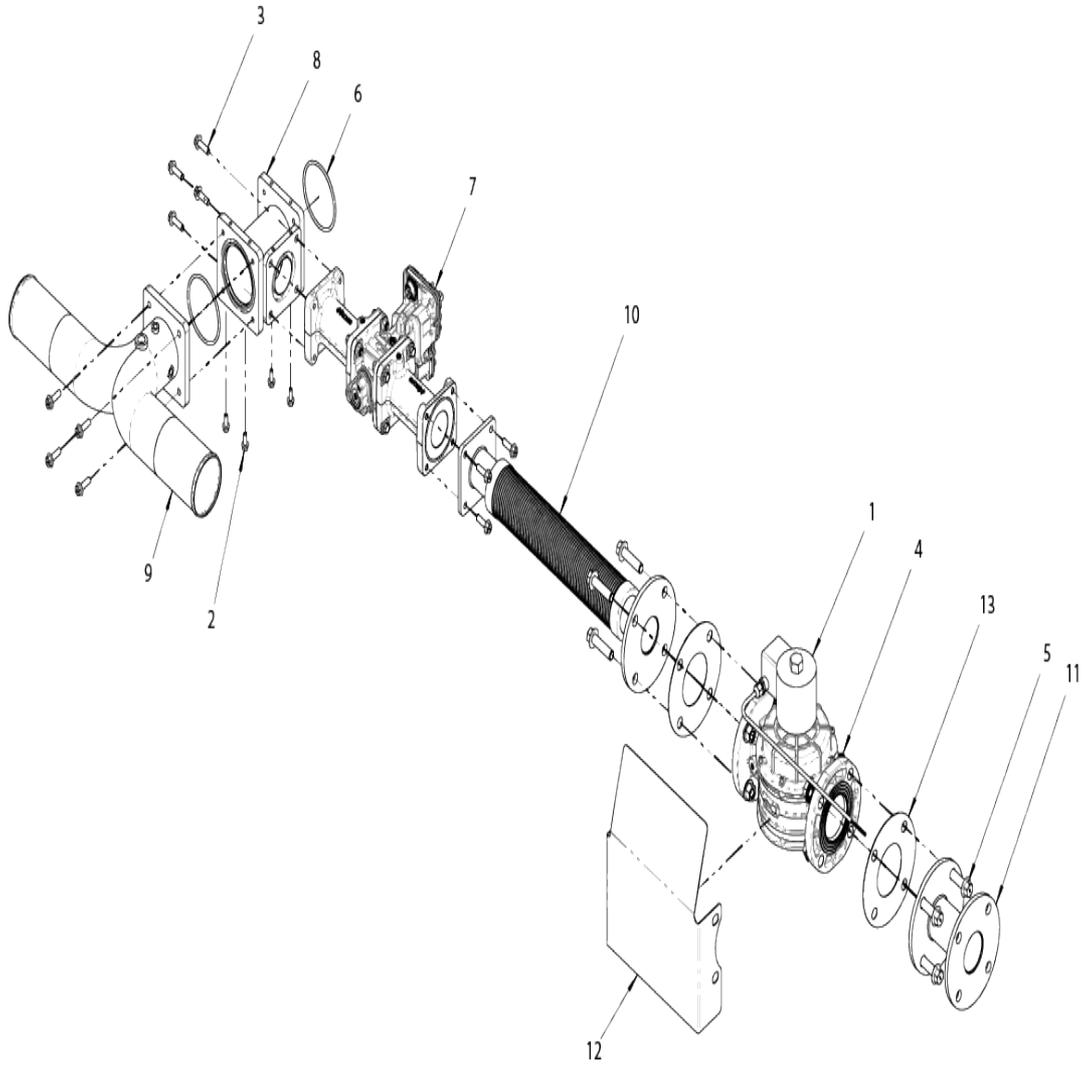
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Call Out Number	Part Number	Part Description	Qty
1	Z35000021	NUT, FLANGE	16
2	Z35000533	BOLT	20
3	Z35000847	BOLT	12
4	Z35001121	SCREW	6
5	Z35001255	SCREW	3
6	Z35001288	SCREW	3
7	Z52500306	BRACKET, MFG FUEL SYSTEM 53L	2
8	Z52500449	BRACKET, LOCK-OFF RH	1
9	Z52500450	BRACKET, LOCK-OFF LH	1
10	Z52500313	BRACKET, LOCK OFF 53L	4
11	Z52500314	PLATE, REAR BRACE 53L	1
12	Z52500315	PLATE, MFG SUPPORT 53L	2

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# FUEL KIT (RIGHT)

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Z58070010

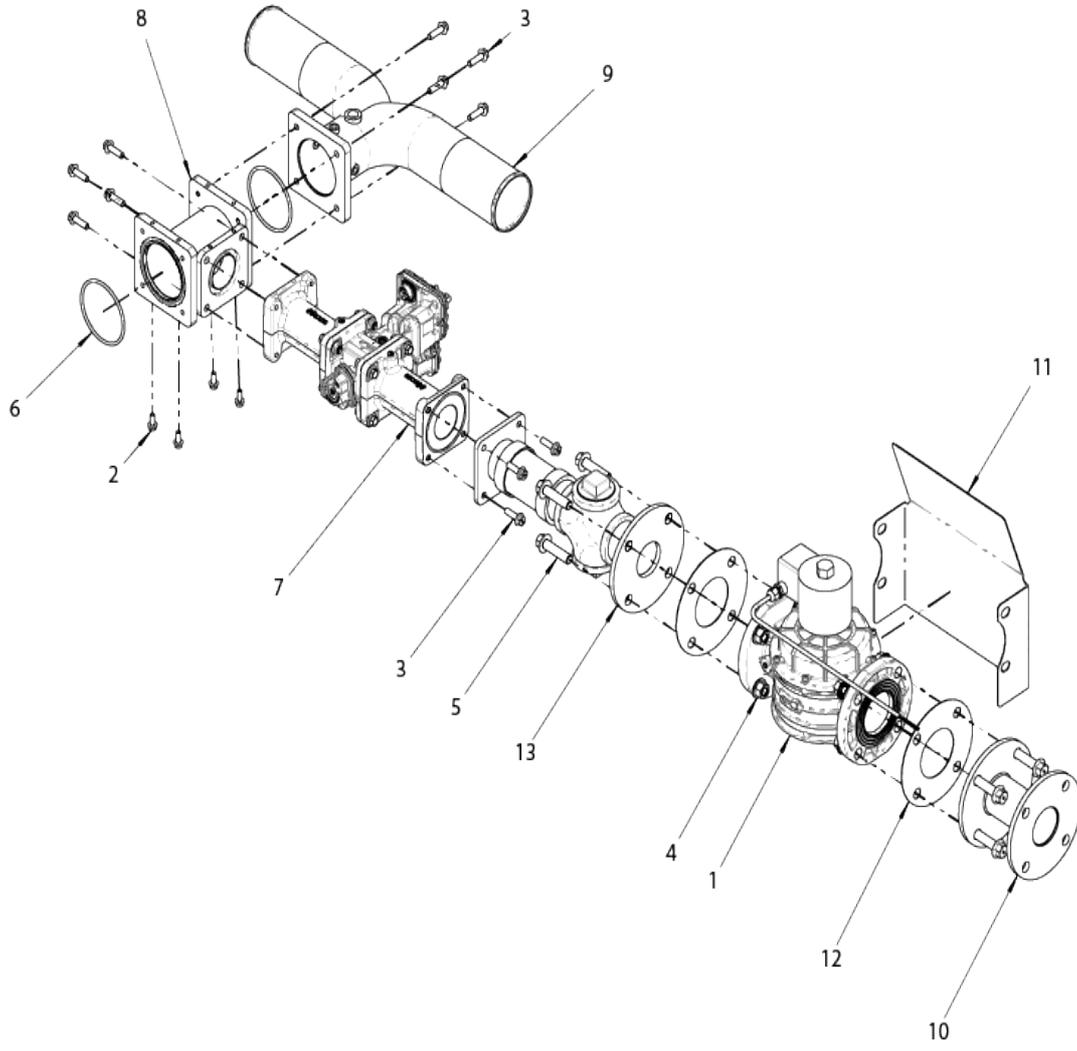
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Call Out Number	Part Number	Part Description	Qty
1	Z32502221	VALVE L/O 3"	1
2	Z35000532	BOLT	4
3	Z35000707	BOLT	2
4	Z35000711	BOLT	10
5	Z35001254	NUT	8
6	Z35001301	BOLT	8
7	Z52500270	SEAL, O-RING	2
8	Z52500316	VALVE, MASS FUEL FLOW 53L	1
9	Z52500317	NOZZLE	1
10	Z52500318	MANIFOLD, Y INTAKE	1
11	Z52500320	PIPE, LOCK OFF INLET 53L	1
12	Z52500321	(NLA) COVER, LOCKOFF 53L	1
13	Z52500322	GASKET, LOCKOFF 53L	2
14	Z53500344	PIPE LOCK OFF (MFG RIGHT)	1

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# FUEL KIT (LEFT)

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Call Out Number	Part Number	Part Description	Qty
1	Z32502221	VALVE L/O 3"	1
2	Z35000532	BOLT	4
3	Z35000707	BOLT	2
4	Z35000711	BOLT	10
5	Z35001254	NUT	8
6	Z35001301	BOLT	8
7	Z52500270	SEAL, O-RING	2
8	Z52500316	VALVE, MASS FUEL FLOW 53L	1
9	Z52500317	NOZZLE	1
10	Z52500318	MANIFOLD, Y INTAKE	1
11	Z52500320	PIPE, LOCK OFF INLET 53L	1
12	Z52500321	(NLA) COVER, LOCKOFF 53L	1
13	Z52500322	GASKET, LOCKOFF 53L	2
14	Z53500343	PIPE LOCK OFF (MFG LEFT)	1

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# KIT, BOOST CONTROLLER

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550x200

Z58070013

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Call Out Number	Part Number	Part Description	Qty
1	Z32500208	CLAMP	10
2	Z32500790	FITTING	1
3	Z32501516	PLUG,	2
4	Z35000353	BOLT	2
5	Z35000532	BOLT	2
6	Z35000614	WASHER, FLAT	2
7	Z52500327	FITTING	2
8	Z52500328	FITTING	5
9	Z52500411	BRACKET, BOOST CONTROLLER	1
10	Z52500412-125	INSULATION - 125IN	1
11	Z52500273	VALVE, MASS FUEL FLOW	1
12	Z53500274-125	HOSE, HIGH TEMP - 125IN	1

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# KIT, BOOST CONTROLLER

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550x200

Z58070013

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Call Out Number	Part Number	Part Description	Qty
1	Z32500208	CLAMP	10
2	Z32500790	FITTING	1
3	Z32501516	PLUG,	2
4	Z35000353	BOLT	2
5	Z35000532	BOLT	2
6	Z35000614	WASHER, FLAT	2
7	Z52500327	FITTING	2
8	Z52500328	FITTING	5
9	Z52500411	BRACKET, BOOST CONTROLLER	1
10	Z52500412-125	INSULATION - 125IN	1
11	Z52500273	VALVE, MASS FUEL FLOW	1
12	Z53500274-125	HOSE, HIGH TEMP - 125IN	1

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CCV

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550x200

Z58070014

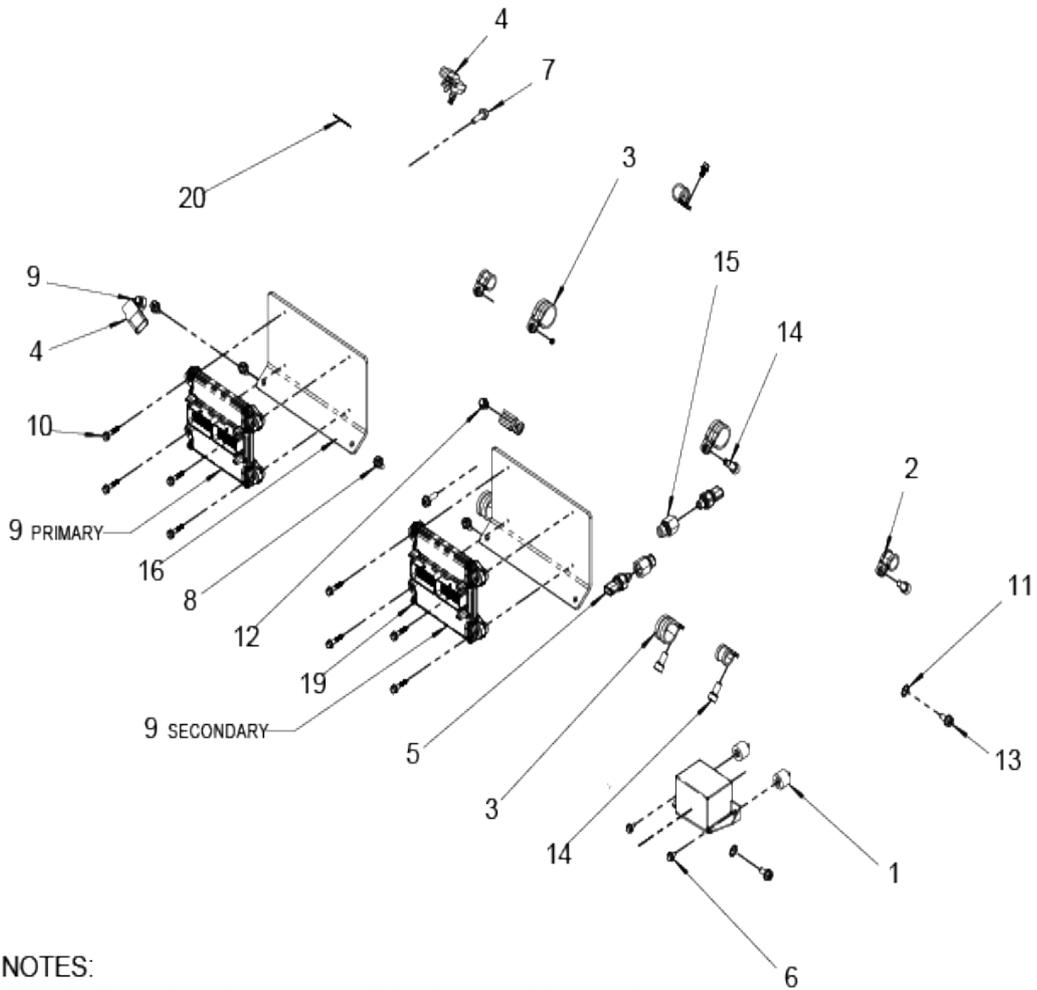
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Call Out Number	Part Number	Part Description	Qty
1	Z32000193	CLAMP, HOSE	3
2	Z32501361	CLAMP, HOSE	5
3	Z32501647-120	HOSE, VAPOR -120IN	1
4	Z32501920	CLAMP	4
5	Z32502451-120	INSULATION -120IN	1
6	Z32502550	Fitting	2
7	Z35000532	BOLT	5
8	Z35000532	BOLT	6
9	Z35000533	BOLT	2
10	Z35000662	BOLT	4
11	Z35000696	BOLT, FLANGE	2
12	Z35000949	BOLT	4
13	Z35000980	BOLT, FLANGE	4
14	Z35001046	BOLT, FLANGE	2
15	Z35001095	BOLT, SOCKET HEAD	2
16	Z35001213	SCREW	4
17	Z52500217	BREATHER, DRAIN	1
18	Z52500236	CCV	1
19	Z52500240	FITTING	1
20	Z52500242	HOSE, SILCONE	1
21	Z52500308	PLATE, CCV OIL DRAIN 53L	1
22	Z52500310	SEAL, O-RING -355, NBR	1
23	Z52500329	FITTING, 1/4-18 MALE NPTF X 1/4-18 FEMALE NPTF X 45 ELBOW	1
24	Z52500330	ADAPTOR, CCV 90 O-RING 53L	1
25	Z52500331	HOSE, CRANKCASE VENT 53L	1
26	Z52500332	HOSE, OIL DRAIN 53L	1
27	Z52500333	GASKET, CCV OIL DRAIN 53L	1
28	Z52500334	BRACKET, BREATHER 53L	1
29	Z52500335	BRACKET, BREATHER SUPPORT LINE 53L	1
30	Z52500336	BRACKET, CCV 53L	1
31	Z52500360	BRACKET, BREATHER LINE SUPPORT	2
32	Z53500046	SLEEVE, HEAT	1
33	Z53500275	FITTING, 5/8" TEE	1
34	Z62500146	CLAMP, INSULATED	4

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# ELECTRICAL

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Call Out Number	Part Number	Part Description	Qty
1	Z32500899	ISOLATOR	2
2	Z32501920	CLAMP	6
3	Z32503280	CLAMP	4
4	Z33000841	SENSOR, T MAP	2
5	Z33002176	SENSOR, OIL PRESSURE	2
6	Z35000449	SCREW	2
7	Z35000452	BOLT	2
8	Z35000526	SCREW	4
9	Z35000530	BOLT	2
10	Z35000578	BOLT	8
11	Z35000862	Washer, Star	2
12	Z35000937	BOLT	2
13	Z35001046	BOLT, FLANGE	2
14	Z35001095	BOLT, SOCKET HEAD	4
15	Z52500264	ADAPTOR, BUSHING	2
16	Z53000211	BRACKET, ECM MOUNT	2
17	Z53000251	HARNESS, MASTER	1
18	Z53000252	HARNESS, SLAVE	1
19	Z53000254	ECM, BLANK	2
20	Z53000266	SHIM, CRANK SENSOR	2
21	Z69000219	HARNESS, COIL IGNITION	1
22	Z69000220	HARNESS, COIL IGNITION	1
23	Z69000222	HARNESS	2

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# THROTTLE BODY

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550x200

Z58070016

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Call Out Number	Part Number	Part Description	Qty
1	Z35000194	BOLT	16
2	Z35000224	PLUG, 1/2" NPT	2
3	Z35000426	WASHER, FLAT	16
4	Z35000430	BOLT	6
5	Z35000533	BOLT	14
6	Z35000553	BOLT	8
7	Z35000696	BOLT, FLANGE	8
8	Z35001369	NUT, COUPLING	6
9	Z52000356	BRACKET, PRESSURE RELIEF VALVE LOWER	2
10	Z52000357	BRACKET, PRESSURE RELIEF VALVE UPPER	2
11	Z52000364	ADAPTOR, THROTTLE 32L/39L/53L	2
12	Z52000488	ADAPTOR, THROTTLE INLET	1
13	Z52000489	ADAPTOR, THROTTLE INLET	1
14	Z52500297	O-RING	2
15	Z53500214	BODY, THROTTLE	2
16	Z53500229	VALVE, RELIEF	2
17	Z53500231	GASKET, RELIEF VALVE	2
18	Z53500405	COVER, PRESSURE RELIEF	2

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# KIT, EXHAUST

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550x200

Z58070017

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Call Out Number	Part Number	Part Description	Qty
1	Z33501052	STUD	12
2	Z35000711	BOLT	2
3	Z35000847	BOLT	2
4	Z35001114	SCREW	8
5	Z35001349	NUT	12
6	Z53000058	SENSOR, O2 (PRE-CAT)	1
7	Z53500242	GASKET, EXHAUST	2
8	Z53500271	BRACKET, EXHAUST 53L	2
9	Z53500272	BRACKET, EXHAUST SUPPORT 53L	2
10	Z53500295	PIPE, EXHAUST	2
11	Z53500296	COLLECTOR, EXHAUST	1
12	Z53500297	Z53500297	2
13	Z53500345	INSULATION, EXHAUST U-BEND PRIMARY	1
14	Z53500346	INSULATION, EXHAUST U-BEND SECONDARY	1
15	Z53500347	INSULATION, EXHAUST Y PIPE	1

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# KIT, EXHAUST

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550x200

Z58070017

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Call Out Number	Part Number	Part Description	Qty
1	Z33501052	STUD	12
2	Z35000711	BOLT	2
3	Z35000847	BOLT	2
4	Z35001114	SCREW	8
5	Z35001349	NUT	12
6	Z53000058	SENSOR, O2 (PRE-CAT)	1
7	Z53500242	GASKET, EXHAUST	2
8	Z53500271	BRACKET, EXHAUST 53L	2
9	Z53500272	BRACKET, EXHAUST SUPPORT 53L	2
10	Z53500295	PIPE, EXHAUST	2
11	Z53500296	COLLECTOR, EXHAUST	1
12	Z53500297	Z53500297	2
13	Z53500345	INSULATION, EXHAUST U-BEND PRIMARY	1
14	Z53500346	INSULATION, EXHAUST U-BEND SECONDARY	1
15	Z53500347	INSULATION, EXHAUST Y PIPE	1

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# KIT, TURBOCHARGER

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550x200

Z58070018

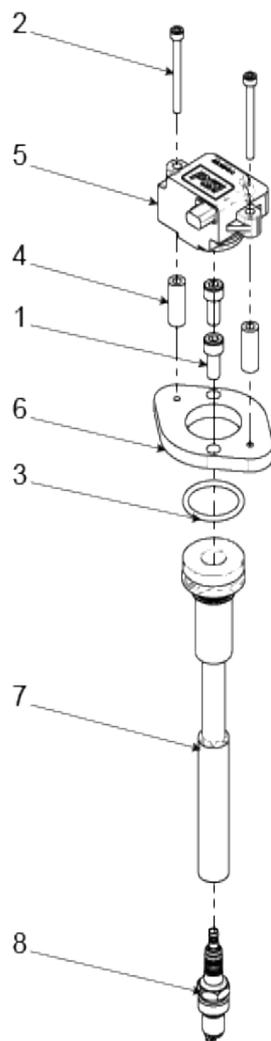
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Call Out Number	Part Number	Part Description	Qty
1	Z12000047	CLAMP, HOSE 6"	4
2	Z32500622	CLAMP	4
3	Z32501755	O-RING	4
4	Z35000361	WASHER, LOCK	8
5	Z35000754	BOLT	8
6	Z35001165	WASHER	2
7	Z35001209	SCREW	4
8	Z35001345	STUD	16
9	Z35001346	LOCKNUT	16
10	Z52000463	HOSE, HUMP REDUCER	4
11	Z52500258	FITTING	4
12	Z52500261	GASKET, TURBO OIL DRAIN	4
13	Z52500324	FITTING	2
14	Z52500325	FITTING	2
15	Z52500326	ASSEMBLY, OIL FEED	4
16	Z52500337	CLIP	8
17	Z52500361	TUBE, OIL DRAIN TURBO RH	2
18	Z52500362	TUBE, OIL DRAIN TURBO LH	2
19	Z53500339	TURBOCHARGER	4
20	Z53500349	GASKET, TURBO	8

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# IGNITION COIL

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Z58070303

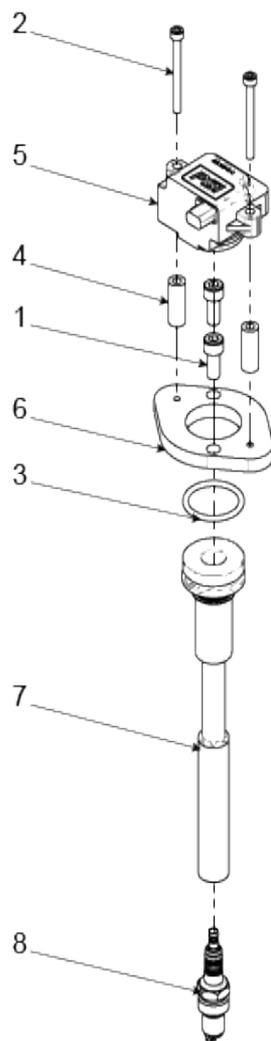
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

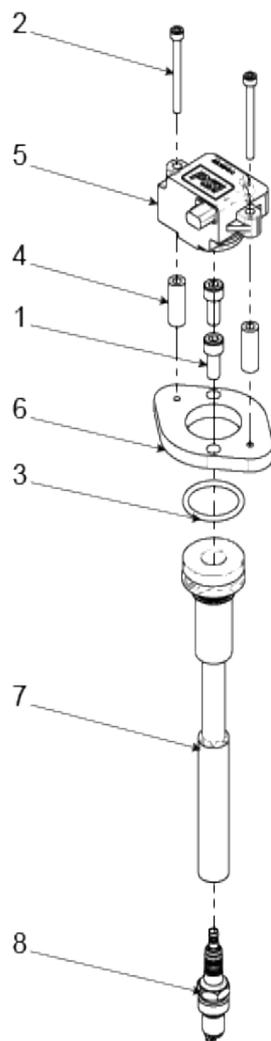
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1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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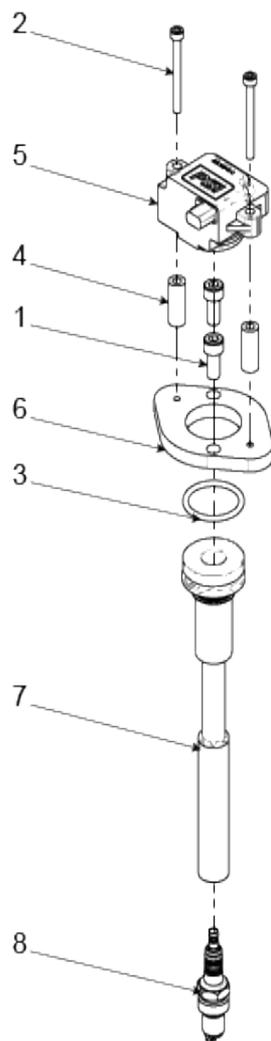
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1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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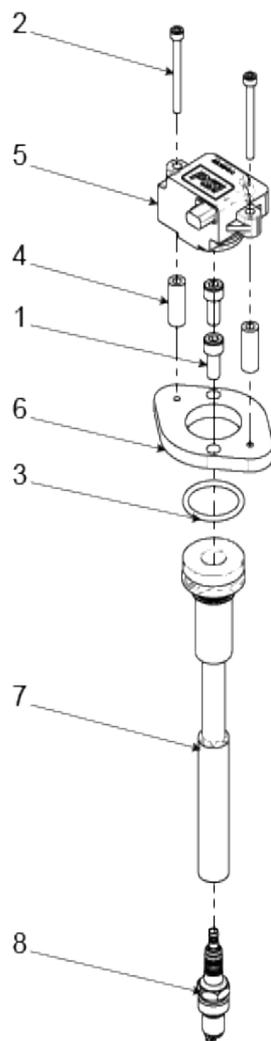
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1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
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5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

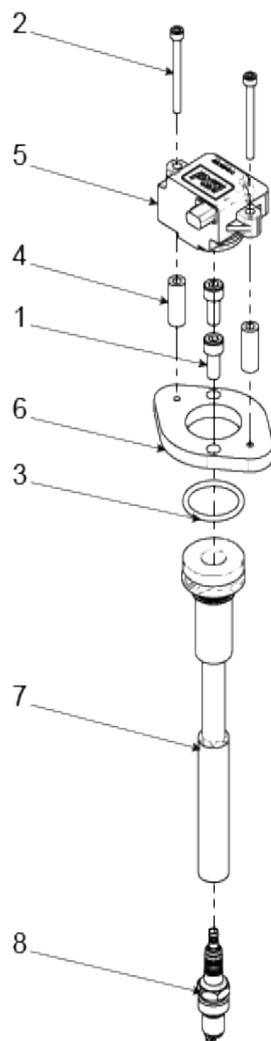
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2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

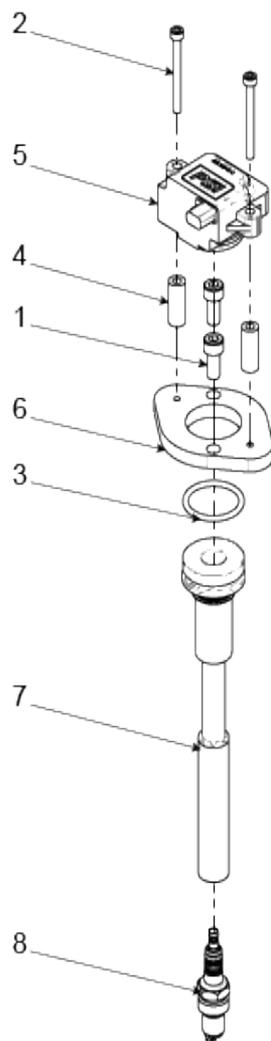
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

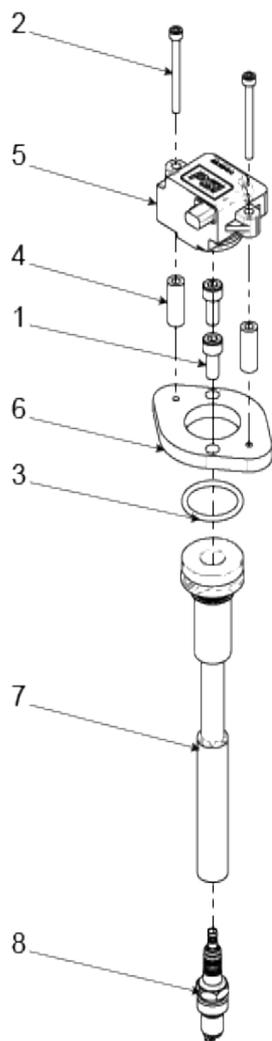
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

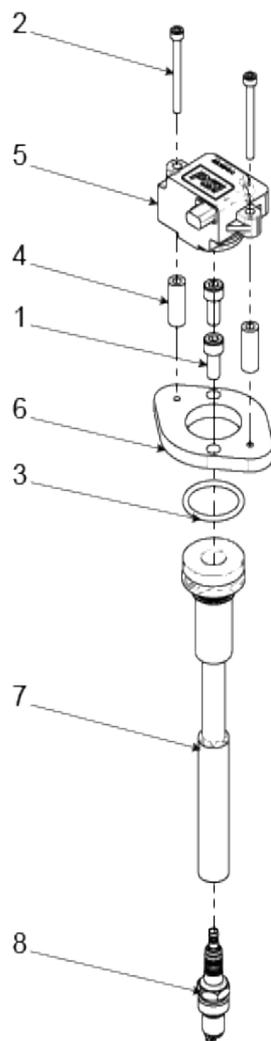
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1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

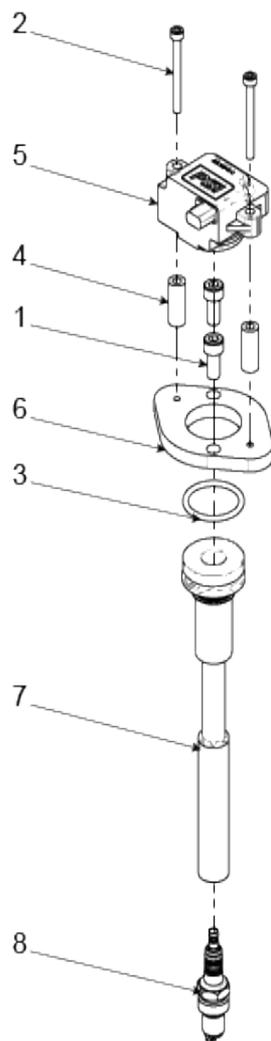
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1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

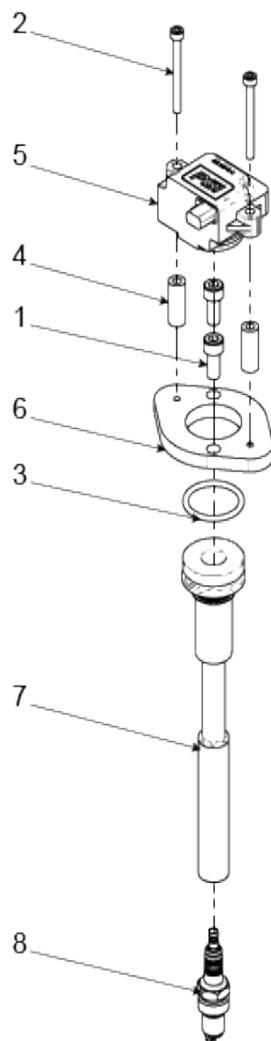
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5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

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# IGNITION COIL

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Z58070303

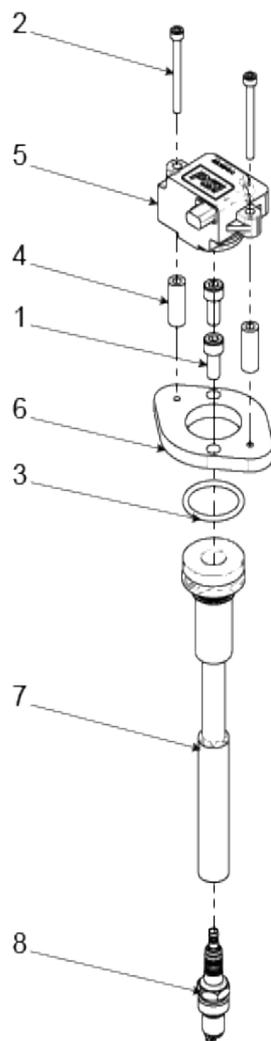
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2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
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# IGNITION COIL

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Z58070303

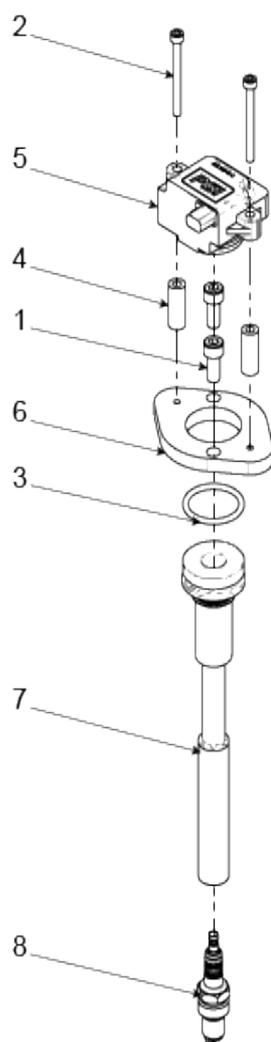
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Call Out Number	Part Number	Part Description	Qty
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2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

---

# IGNITION COIL

---



Z58070303

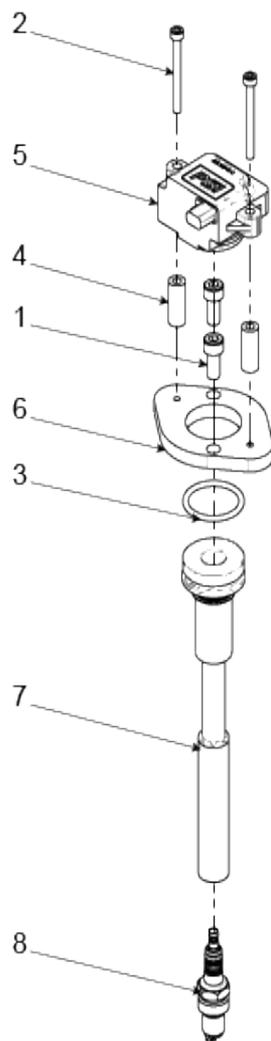
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

---

# IGNITION COIL

---



Z58070303

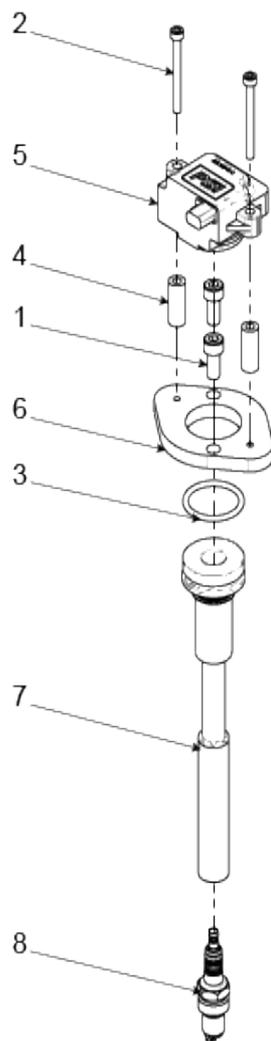
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

---

# IGNITION COIL

---



Z58070303

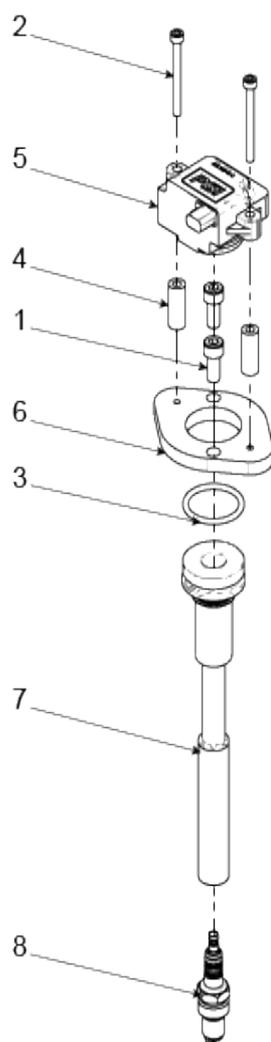
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

---

# IGNITION COIL

---



Z58070303

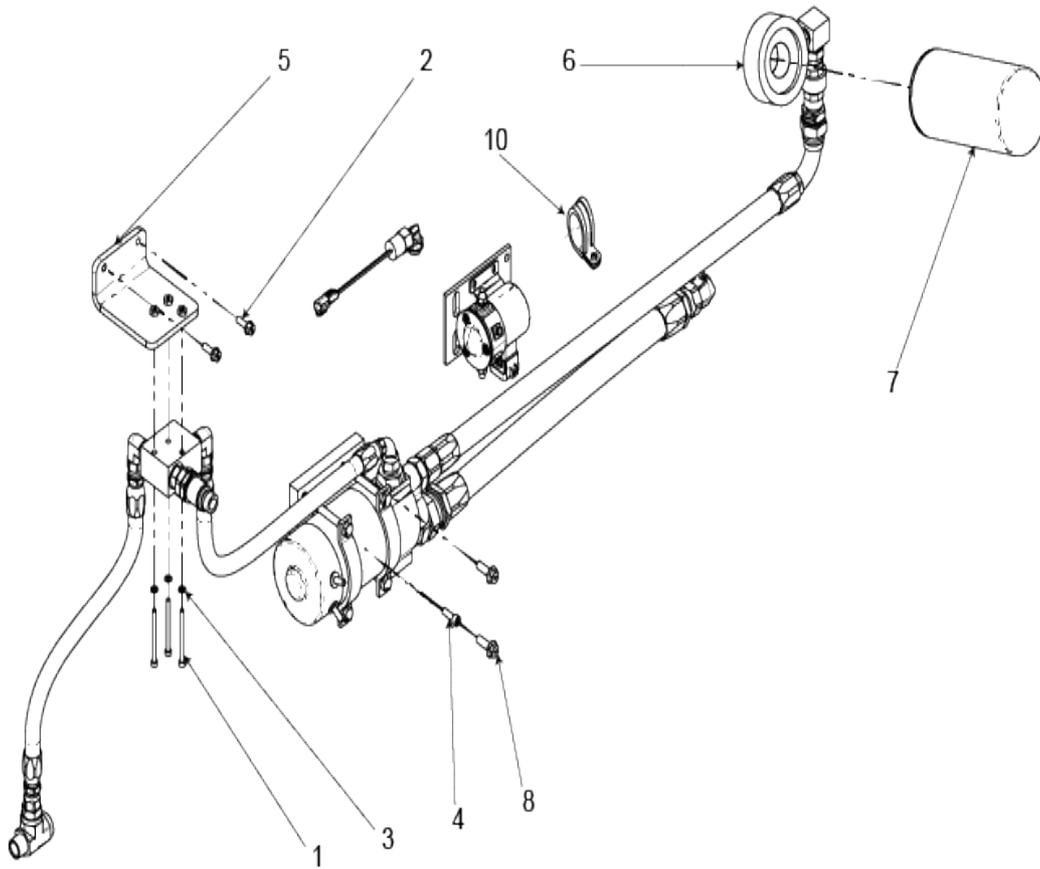
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Call Out Number	Part Number	Part Description	Qty
1	Z35000343	BOLT	2
2	Z35000809	BOLT	2
3	Z52500421	O-RING	1
4	Z53000003	SPACER	2
5	Z53000041	COIL, IGN W/BOOT	1
6	Z53000208	BRACKET	1
7	Z53000209	BOOT, IGNITION COIL	1
8	Z53000220	PLUG, SPARK	1

---

# KIT, PRE-LUBE MOUNT 53L PRIME

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Z58070417

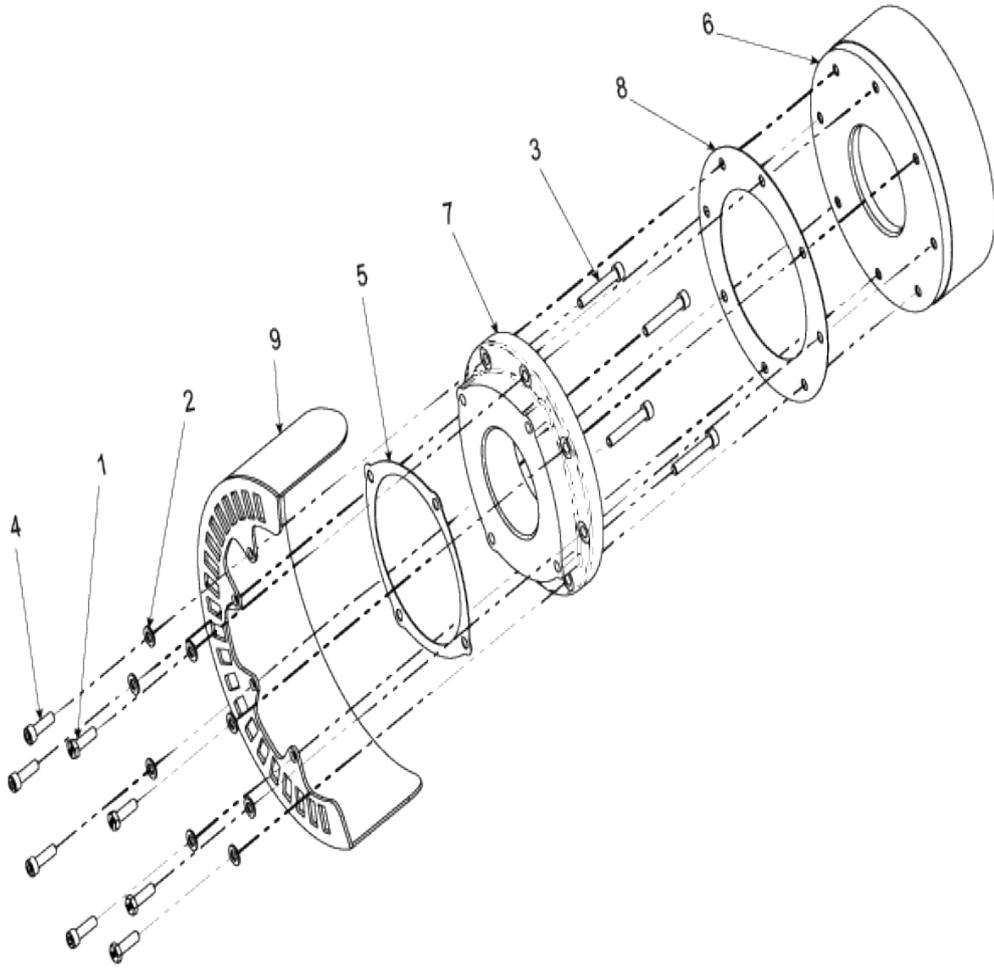
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Call Out Number	Part Number	Part Description	Qty
1	Z35000353	BOLT	3
2	Z35000452	BOLT	2
3	Z35000614	WASHER, FLAT	3
4	Z35000754	BOLT	1
5	Z52500414	BRACKET, QUICKFIT VALVE 53L	1
6	Z52500419	KIT, PRE-LUBE	1
7	Z753055	FILTER, OIL	1
8	Z65000053	CAPSCREW	2
9	Z69000261	HARNESS, PRE LUBE 53L	1
10	Z32501432	CLAMP	3

---

# RELIEF VALVE

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Z58070605

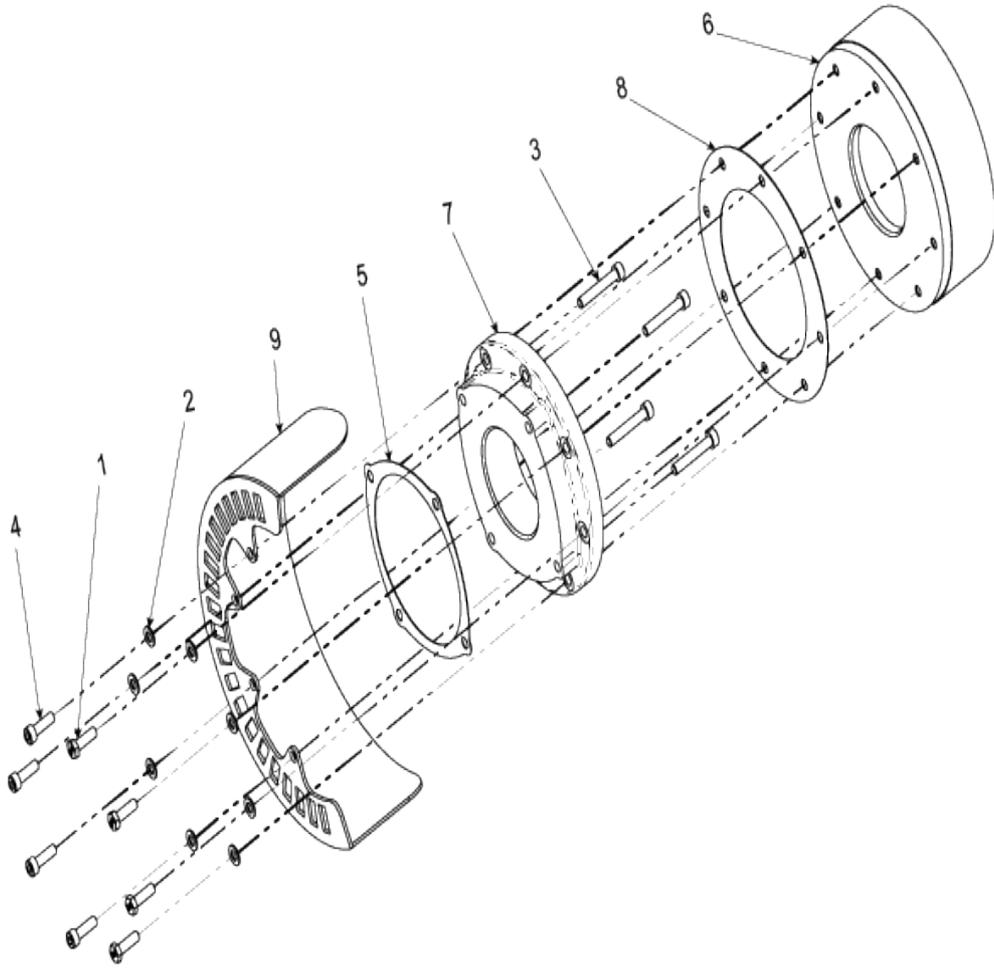
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Call Out Number	Part Number	Part Description	Qty
1	Z35000019	BOLT	4
2	Z35000426	WASHER, FLAT	8
3	Z35000807	BOLT	4
4	Z35000939	BOLT	8
5	Z53500212	GASKET, THROTTLE ADAPTOR	1
6	Z53500229	VALVE, RELIEF	1
7	Z53500230	ADAPTER, RELIEF VALVE	1
8	Z53500231	GASKET, RELIEF VALVE	1
9	Z53500404	COVER, PRESSURE RELIEF	1

---

# RELIEF VALVE

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Z58070605

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Call Out Number	Part Number	Part Description	Qty
1	Z35000019	BOLT	4
2	Z35000426	WASHER, FLAT	8
3	Z35000807	BOLT	4
4	Z35000939	BOLT	8
5	Z53500212	GASKET, THROTTLE ADAPTOR	1
6	Z53500229	VALVE, RELIEF	1
7	Z53500230	ADAPTER, RELIEF VALVE	1
8	Z53500231	GASKET, RELIEF VALVE	1
9	Z53500404	COVER, PRESSURE RELIEF	1

---

# AIR FILTER (2 PER ENGINE)

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550x200

Z58070606

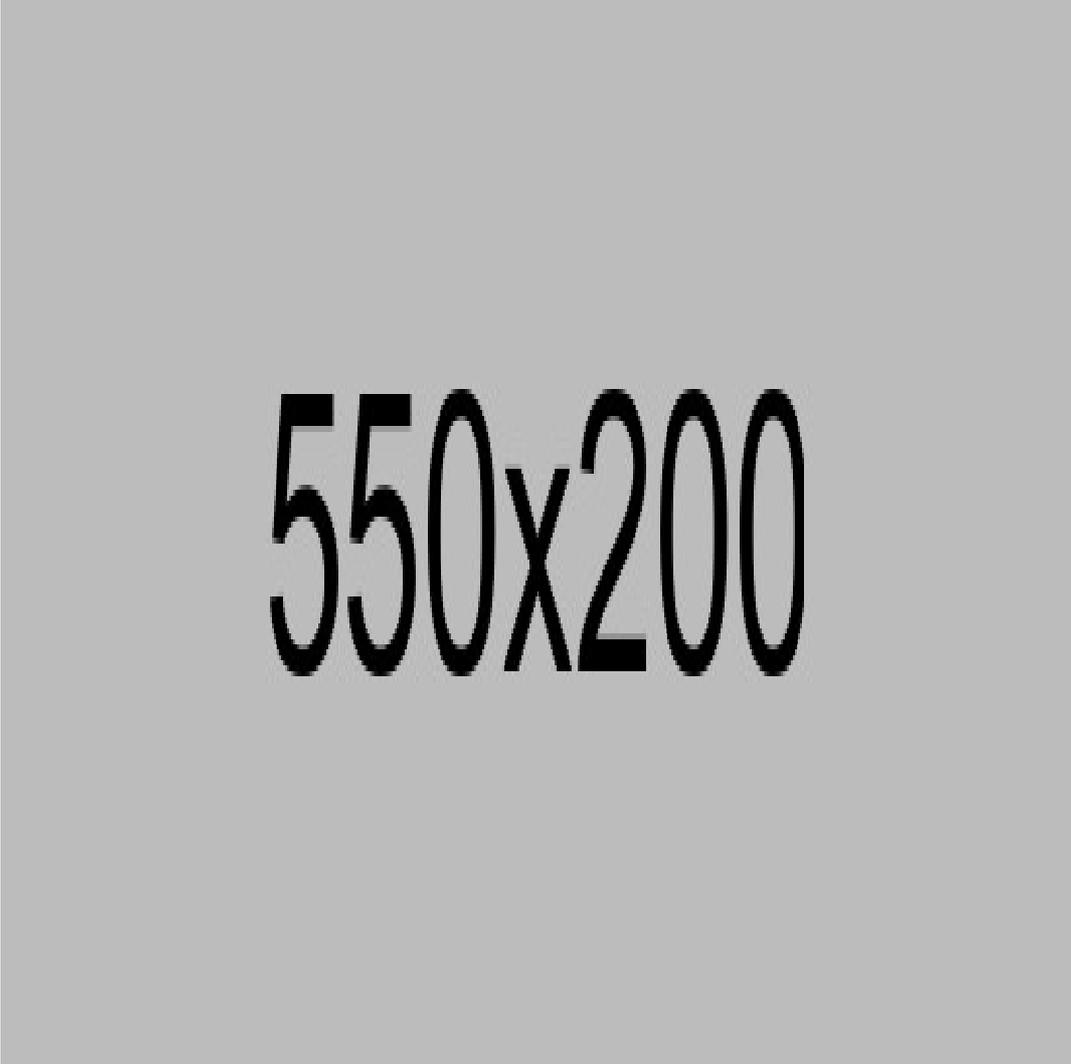
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Call Out Number	Part Number	Part Description	Qty
2	Z35000949	BOLT	4
3	Z52500271	ELBOW	1
4	Z53500224	FILTER, AIR (ASSY)	1
5	Z53500227	GASKET, AIR FILTER	1

---

# AIR FILTER (2 PER ENGINE)

---



550x200

Z58070606

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Call Out Number	Part Number	Part Description	Qty
2	Z35000949	BOLT	4
3	Z52500271	ELBOW	1
4	Z53500224	FILTER, AIR (ASSY)	1
5	Z53500227	GASKET, AIR FILTER	1

---

# KIT, BASE ENGINE

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550x200

Z58907008

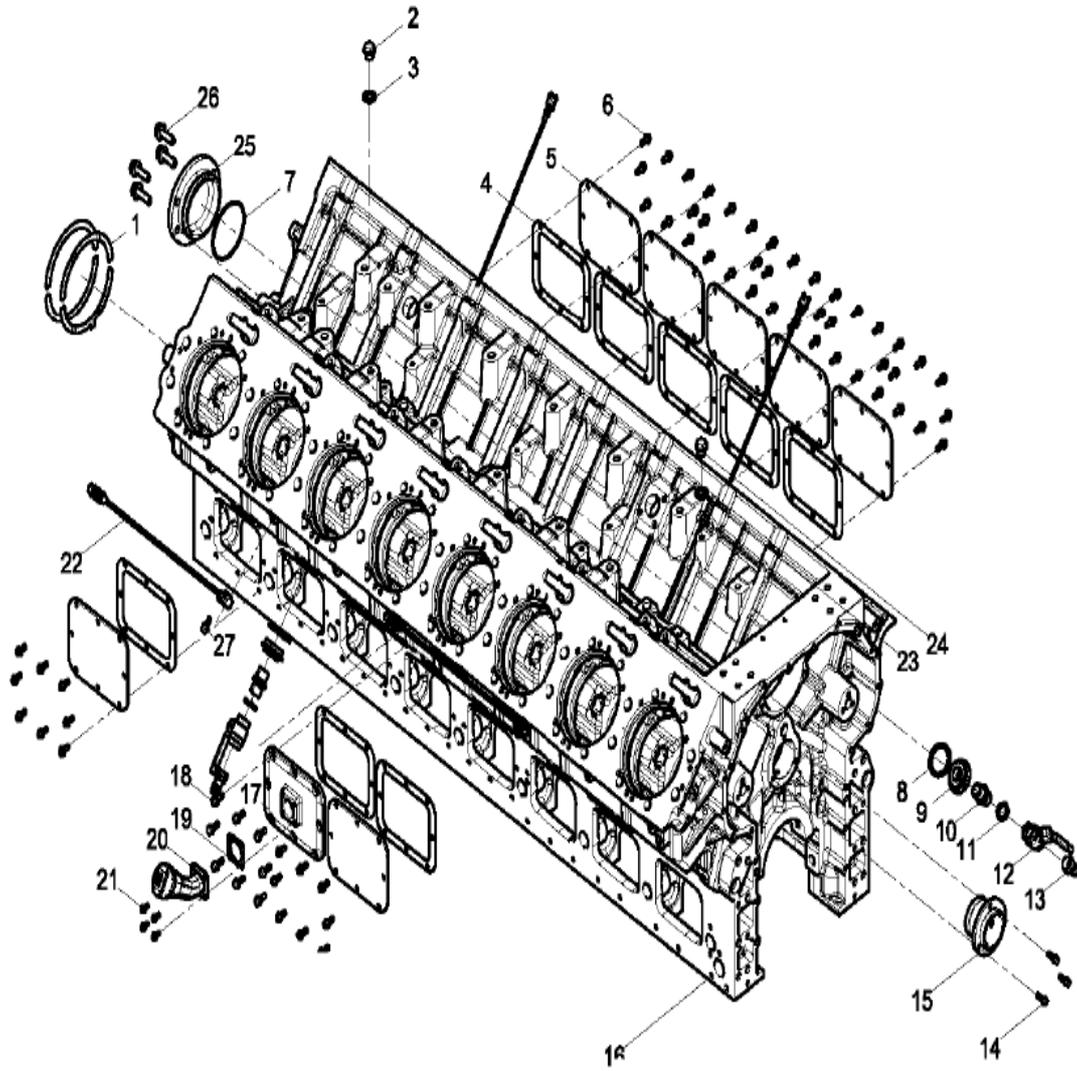
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Call Out Number	Part Number	Part Description	Qty
1	Z35000021	NUT, FLANGE	1
2	Z35000942	BOLT, FLANGE	1
3	Z35001154	WASHER	2
5	Z52000436	WATER PUMP	2
6	Z732023	GASKET, CYLINDER HEAD COVER	16
7	Z52500448	PLUG	2
8	Z753208	BOLT, EXHAUST MANIFOLD	8
9	Z53500428	SEAL, COOLANT DRAIN W/GROOVE	4
12	Z52500168	VALVE,OIL SAMPLE	1
12	Z53500121	BUSHING	1
12	Z32502020	FITTING	1
13	Z32503181	FITTING	1
13	Z52500413	FITTING	1
13	Z32503180	WASHER, SEALING	1
13	Z52000316	VALVE	1
13	Z32503077	PLUG	1
14	Z58900152	BLOCK, COOLANT DRAIN VALVE W/GROOVE	2

---

# ENGINE BLOCK

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ZBOM53L-1000

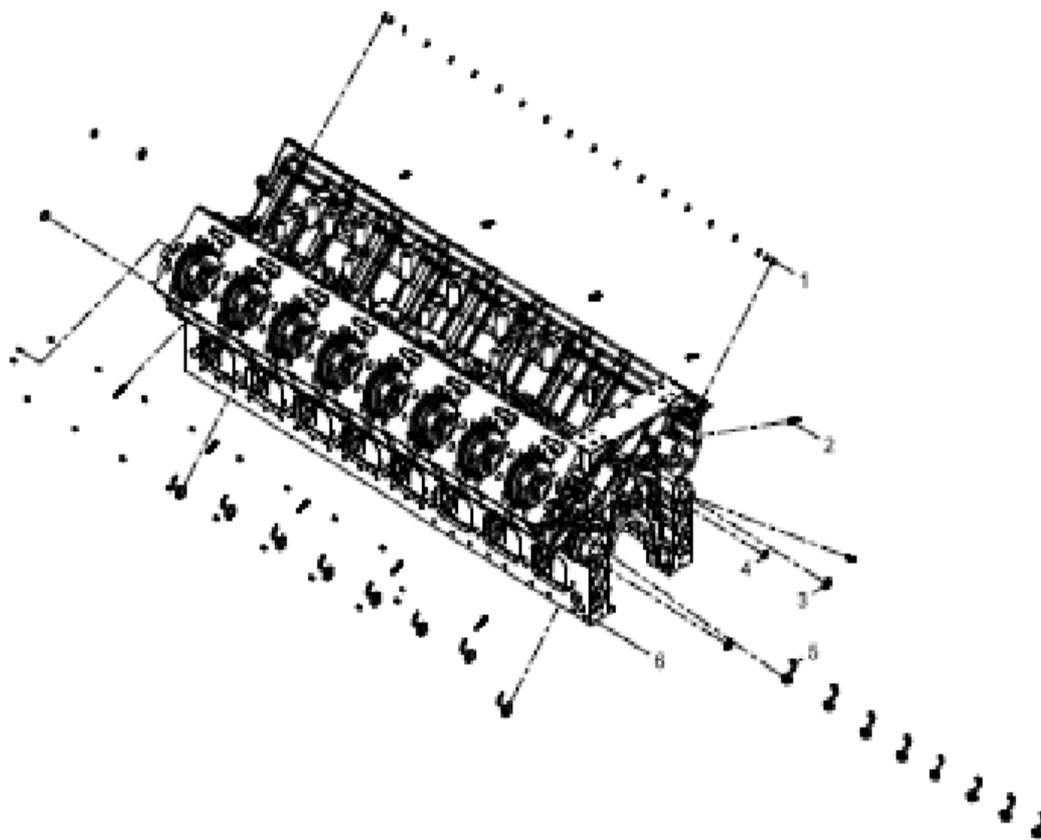
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Call Out Number	Part Number	Part Description	Qty
1	Z739380	BEARING, THRUST (SET)	2
2	Z732502	Plug	1
3	Z732501	WASHER	1
4	Z739240	GASKET	10
5	Z739384	COVER	9
6	Z732008	BOLT	72
7	Z753214	PART	1
8	Z753053	WASHER	2
9	Z753052	GASKET, PIPE	2
10	Z739354	CONNECTOR	2
11	Z739353	NUT	2
12	Z739379	VALVE, SHUT OFF	2
13	Z753152	GASKET, PIPE	2
14	Z739700	BOLT	3
15	Z739383	BUSHING, CAMSHAFT	1
17	Z739239	COVER	1
18	Z739332	BOLT	12
19	Z739515	GASKET	1
20	Z732470	(USE Z52500401) TUBE, OIL FILLING	1
21	Z767042	BOLT	4
23	Z732447	WASHER	1
24	Z739735	PLUG	1
25	Z753063	COVER	1
26	Z753127	BOLT	4

---

# CRANKCASE

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ZBOM53L-1001

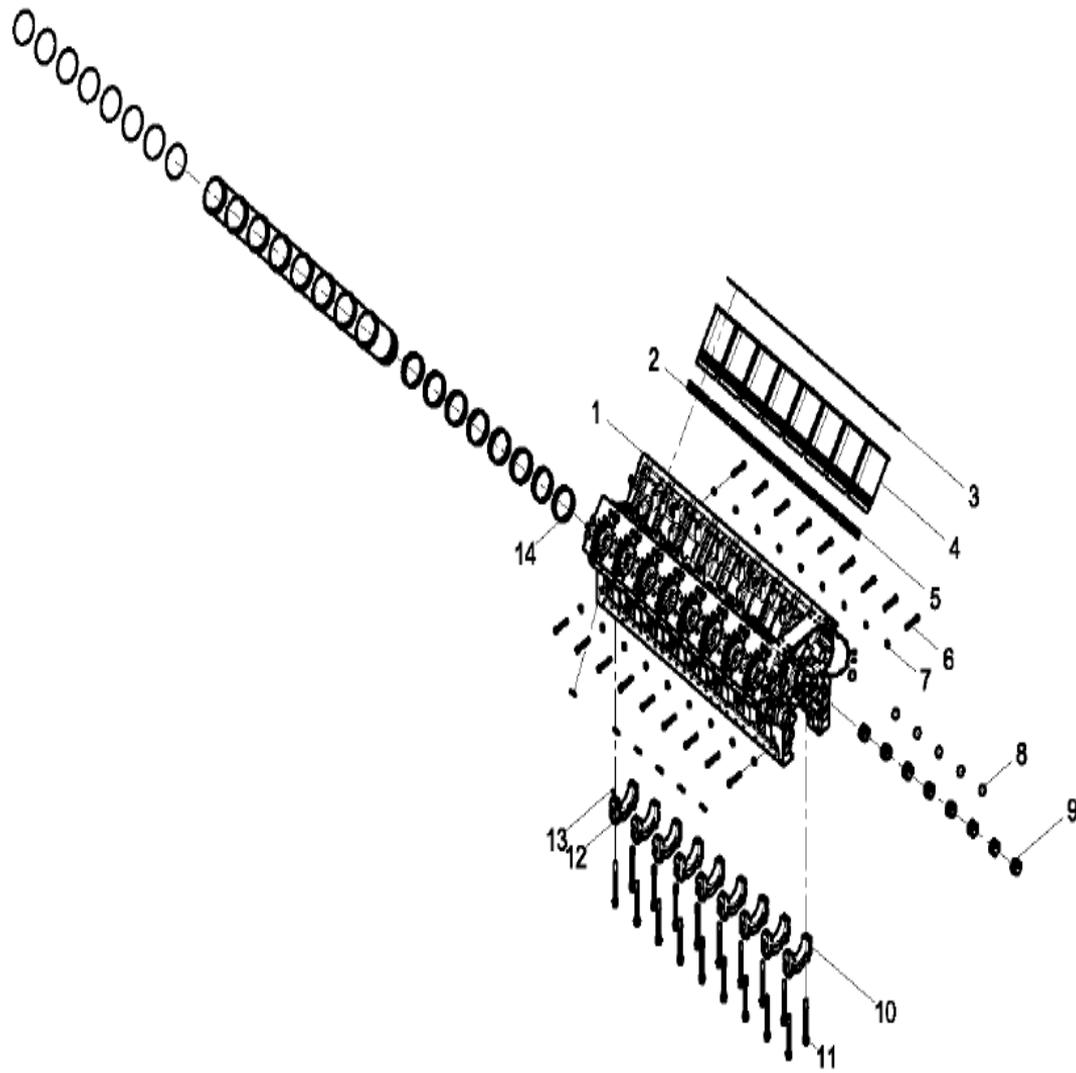
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Call Out Number	Part Number	Part Description	Qty
1	Z732368	PIN, DOWEL	40
2	Z739372	NUT, RIVET	10
3	Z753400	PLUG	4
4	Z753401	PLUG	2
5	Z739374	NOZZLE, PISTON	16

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# CRANKCASE II

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ZBOM53L-1002

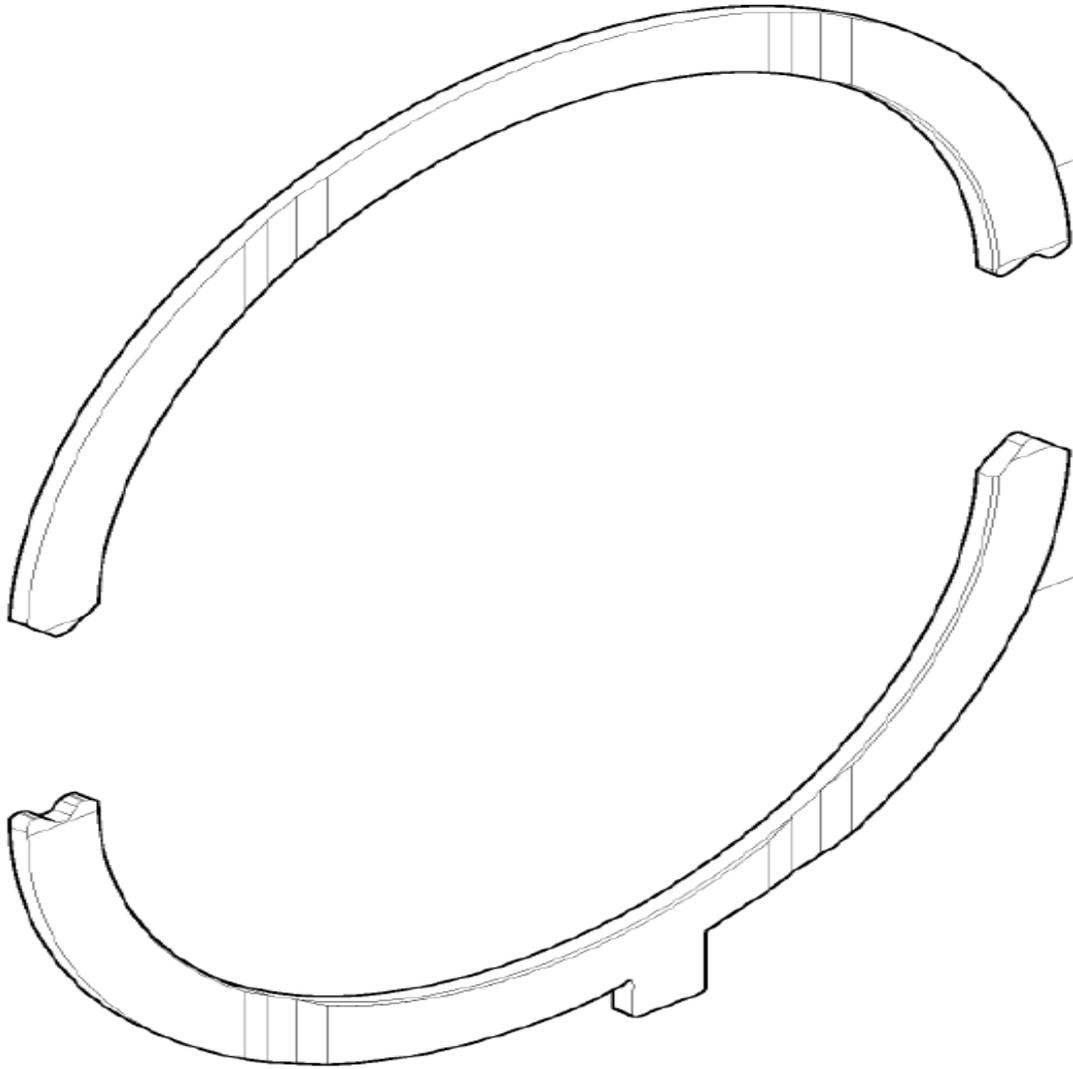
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Call Out Number	Part Number	Part Description	Qty
1	NSS	NOT SOLD SEPERATELY	1
2	Z732383	RING, CYLINDER LINER	16
3	Z739705	RING, CYLINDER LINER	16
4	Z739370	LINER, CYLINER	16
5	Z739369	O-RING, CYLINDER LINER	16
6	Z732387	BOLT	18
7	Z732388	WASHER	18
8	Z753402	PLUG	12
9	Z739368	BUSHING, CAMSHAFT	8
10	Z739703	CAP, MAIN BEARING	8
11	Z732390	BOLT	18
12	Z739704	COVER, THRUST BEARING	1
13	Z732386	PIN, DOWEL	1
14	Z732382	O-RING, CYLINDER LINER	16

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# THRUST WASHER

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ZBOM53L-1003

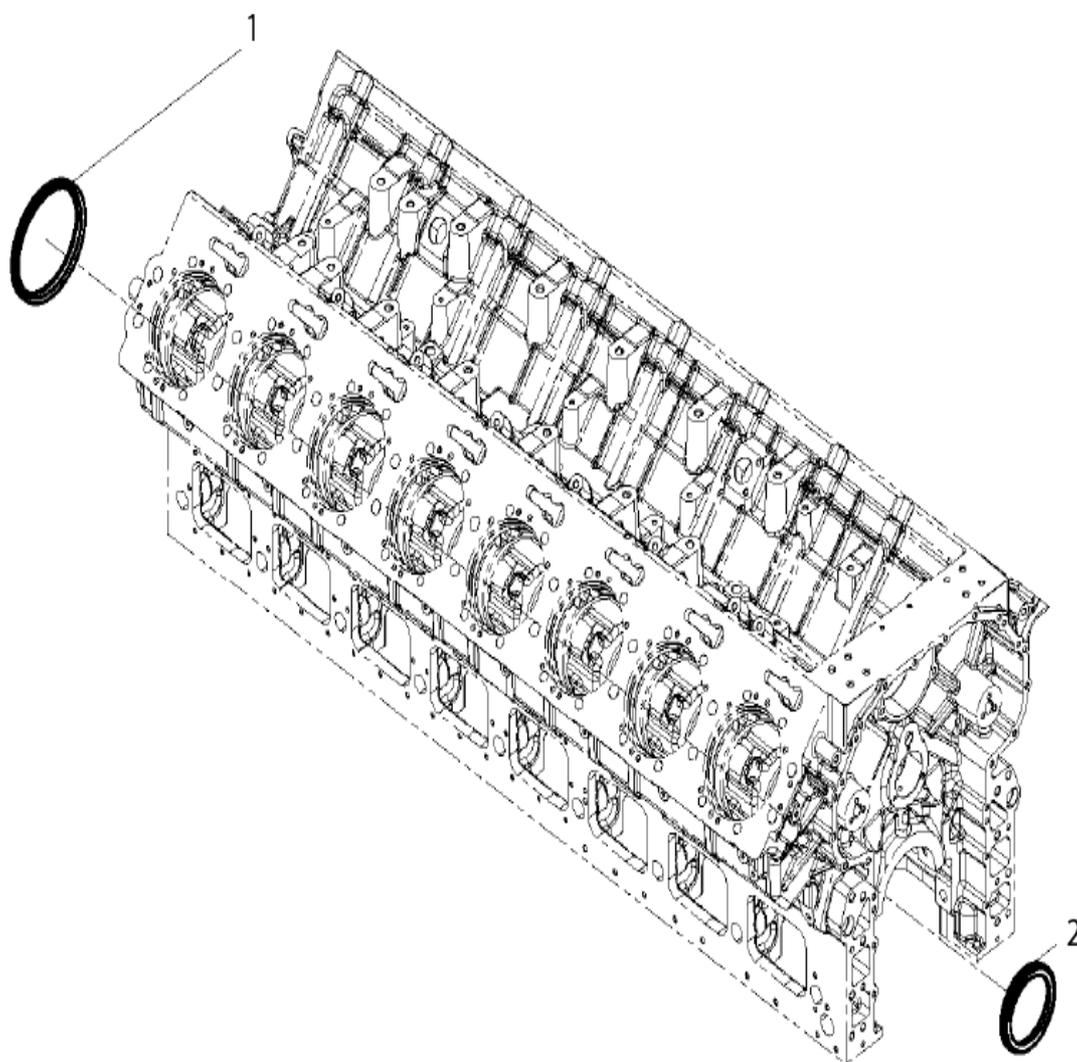
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Call Out Number	Part Number	Part Description	Qty
1	Z739382	USE 739380 BEARING, THRUST (UPPER)	1
2	Z739381	(USE Z739380) BEARTING, THRUST (LOWER)	1
3	Z739380	BEARING, THRUST (SET)	1

---

# OIL SEAL

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ZBOM53L-1004

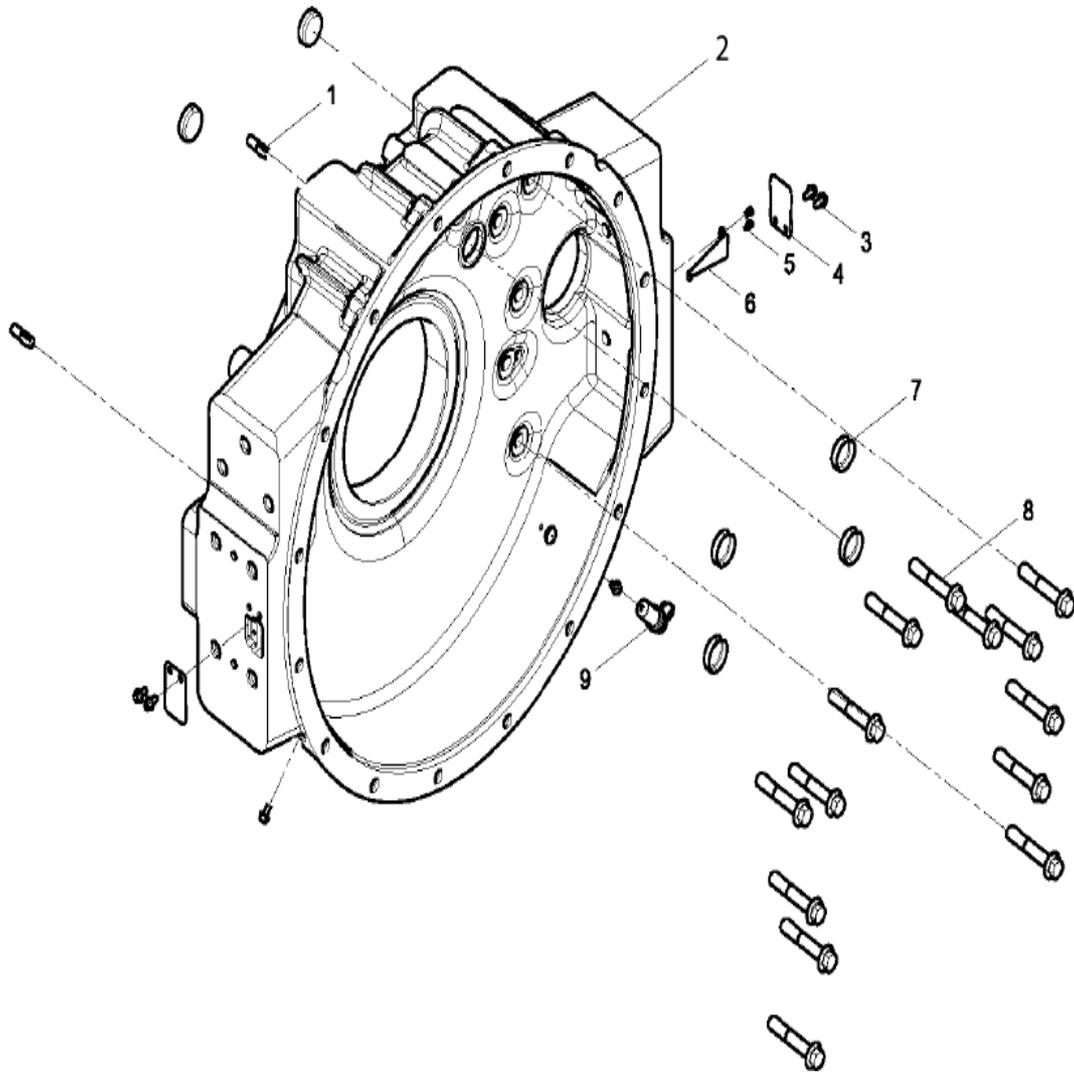
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Call Out Number	Part Number	Part Description	Qty
1	Z739340	SEAL, REAR OIL	1
2	Z753035	SEAL, FRONT OIL	1

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# FLYWHEEL HOUSING

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ZBOM53L-1005

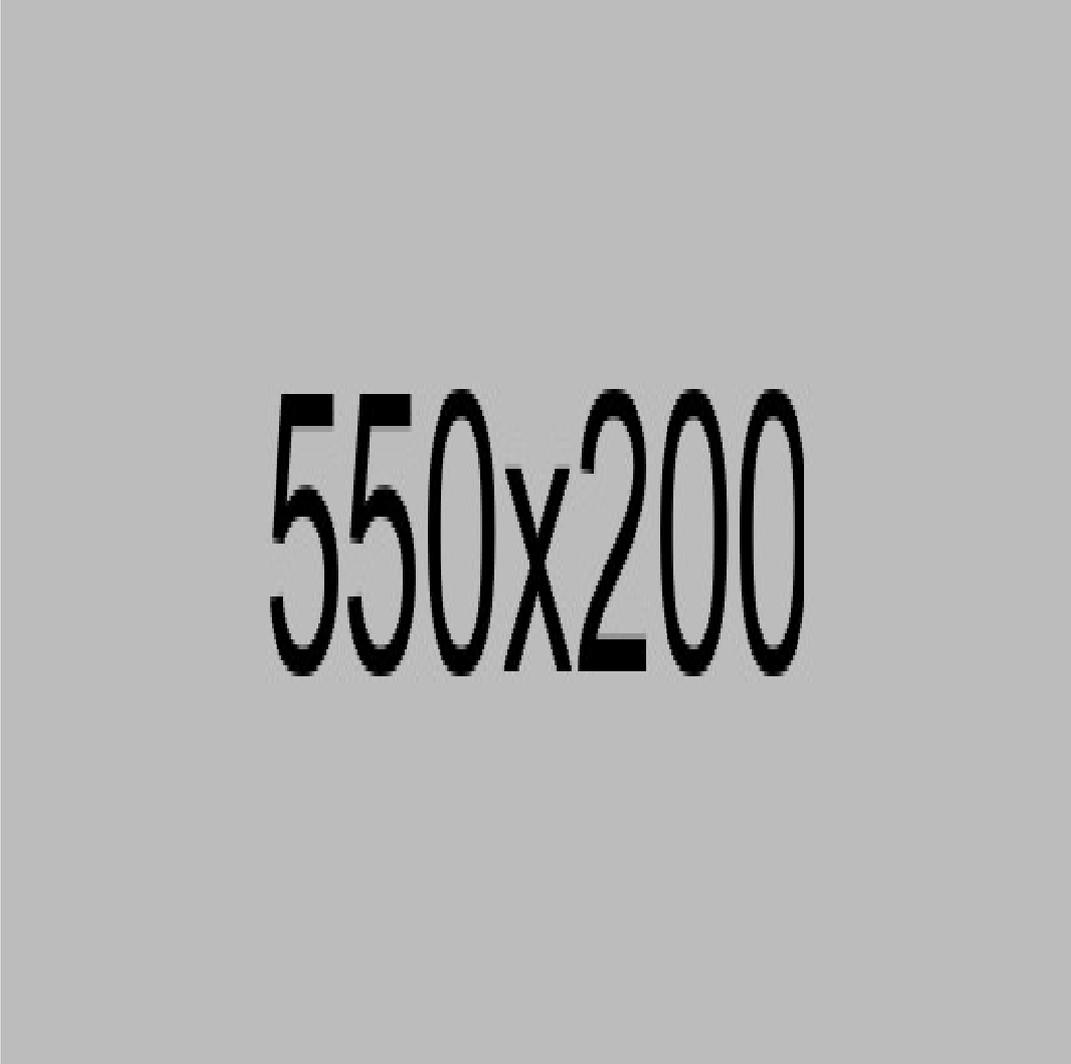
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Call Out Number	Part Number	Part Description	Qty
1	Z732009	PIN, DOWEL	2
2	Z739706	HOUSING, FLYWHEEL	1
3	Z767054	BOLT	6
4	Z739341	PLATE, COVER	2
5	Z739346	BOLT	2
6	Z739342	POINTER	1
7	Z732005	PLUG, BOWL	6
8	Z732001	BOLT	14
9	Z767043	SENSOR, SPEED	1

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# FRONT COVER

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550x200

ZBOM53L-1006

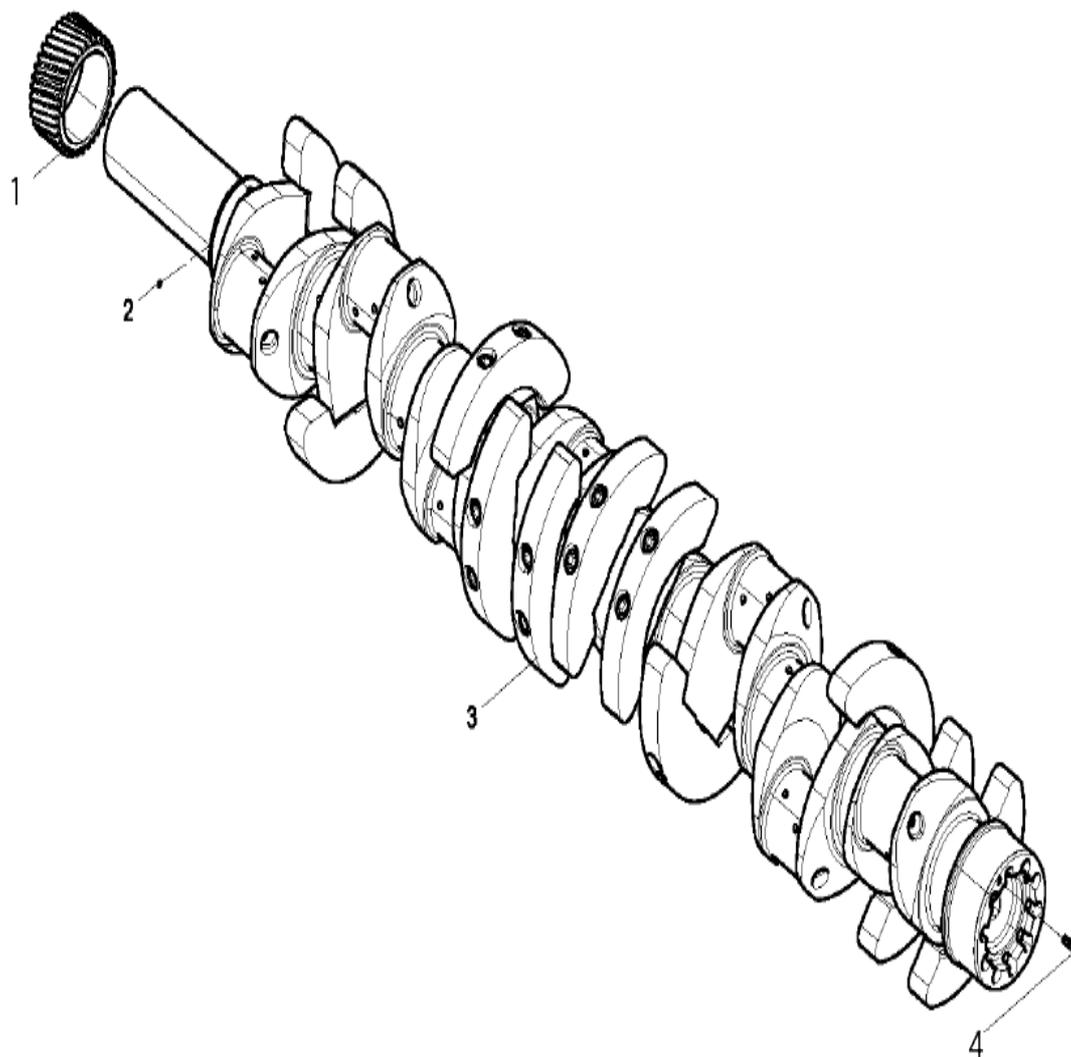
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Call Out Number	Part Number	Part Description	Qty
1	Z753136	PIN	2
2	Z753014	COVER, FRONT	1
3	Z739121	BOLT	11
4	Z732209	BOLT	17
5	Z753022	O-RING	1
6	Z739143	BOLT	1
7	Z753156	SENSOR, SPEED	1
8	Z753021	BRACKET, SENSOR	1
9	Z767371	BOLT	6
10	Z732174	PIN, DOWEL	2

---

# CRANKSHAFT

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ZBOM53L-1007

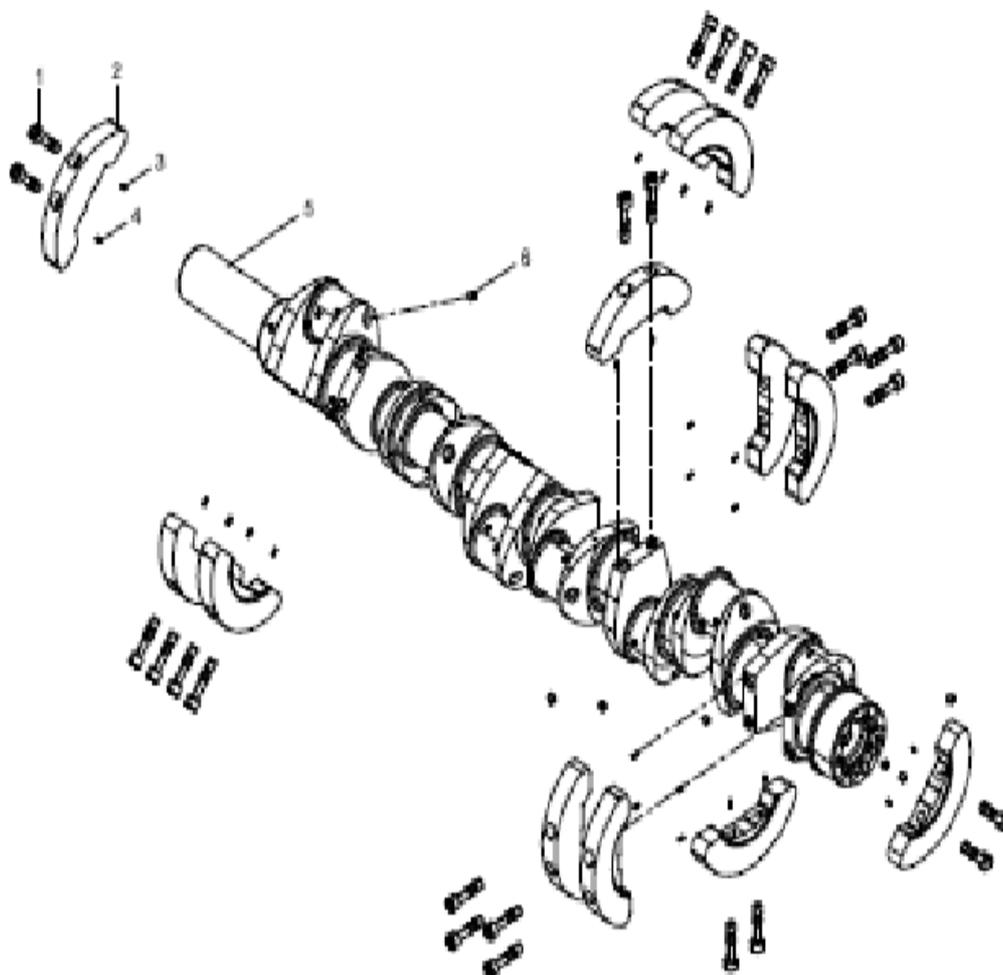
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Call Out Number	Part Number	Part Description	Qty
1	Z753039	GEAR, CRANKSHAFT	1
2	Z732333	PIN	1
3	Z753005	CRANKSHAFT	1
4	Z753137	PIN	1

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# CRANKSHAFT II

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ZBOM53L-1008

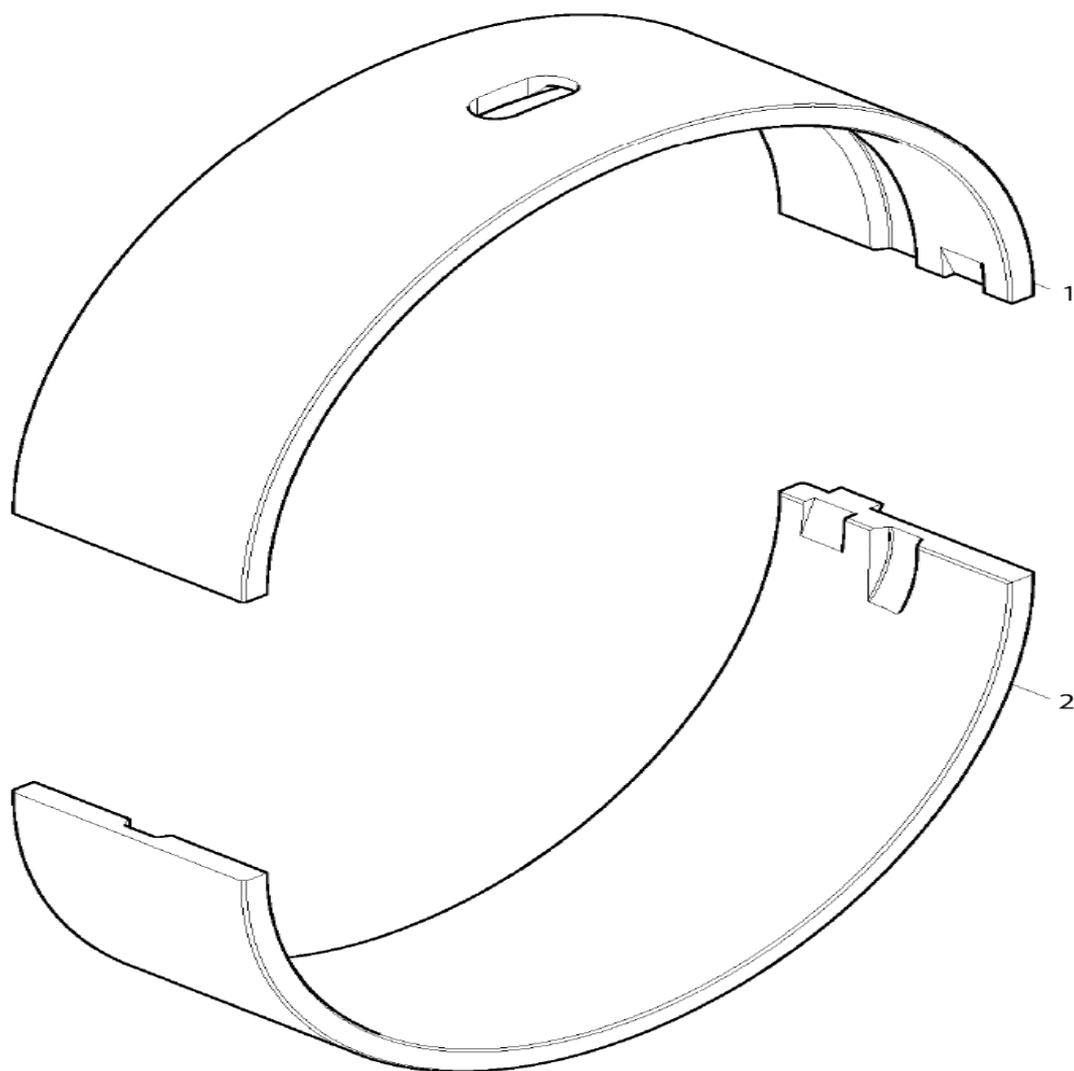
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Call Out Number	Part Number	Part Description	Qty
1	Z739426	BOLT	24
2	Z739427	CRANKSHAFT WEIGHT	12
3	Z739429	PIN	12
4	Z739430	PIN	12
5	Z753405	(USE Z753005) CRANKSHAFT	1
6	Z732396	PLUG	8

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# MAIN BEARINGS

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ZBOM53L-1009

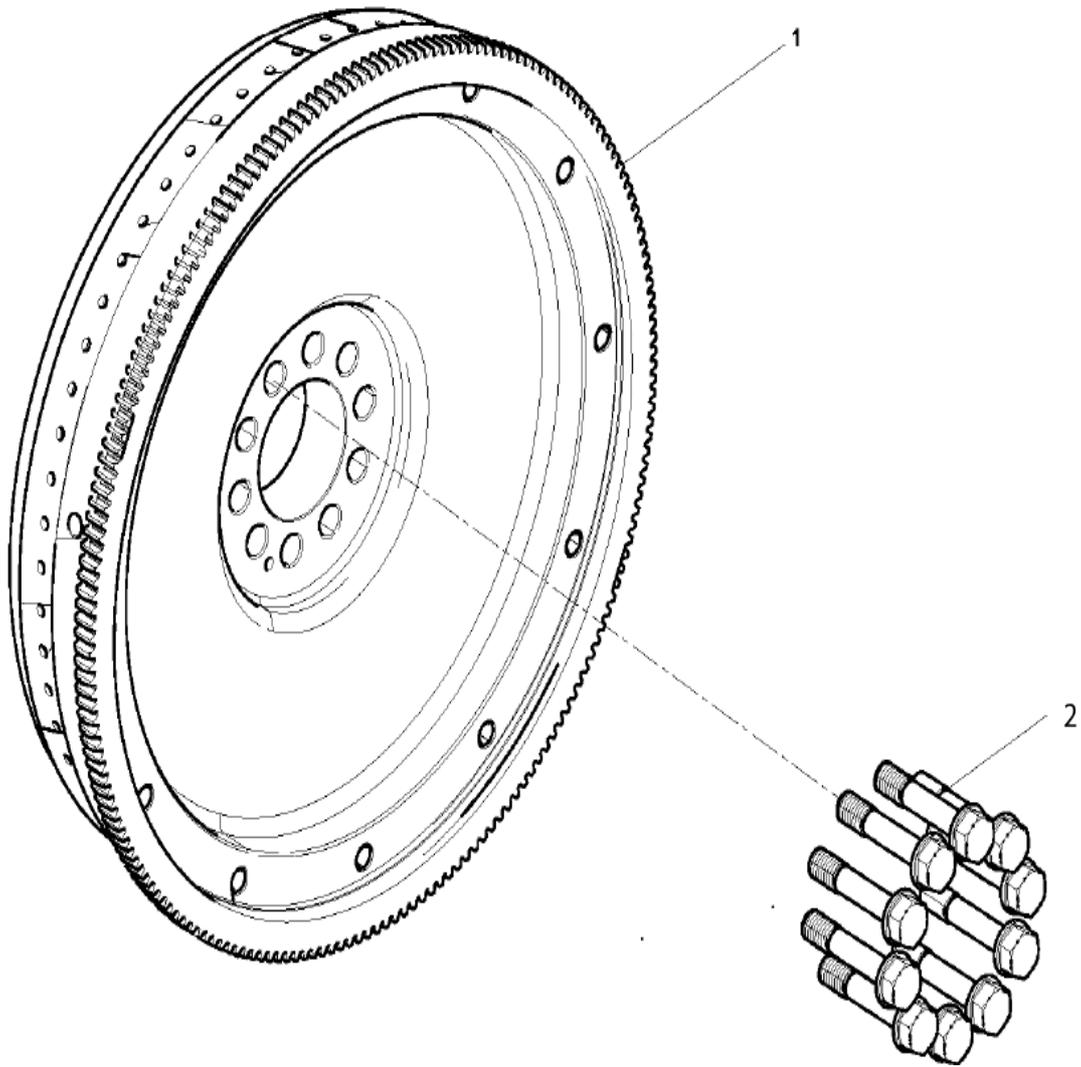
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Call Out Number	Part Number	Part Description	Qty
1	Z753026	BEARING, MAIN (UPPER)	1
2	Z753027	BEARING, MAIN (LOWER)	1

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# FLYWHEEL

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ZBOM53L-1010

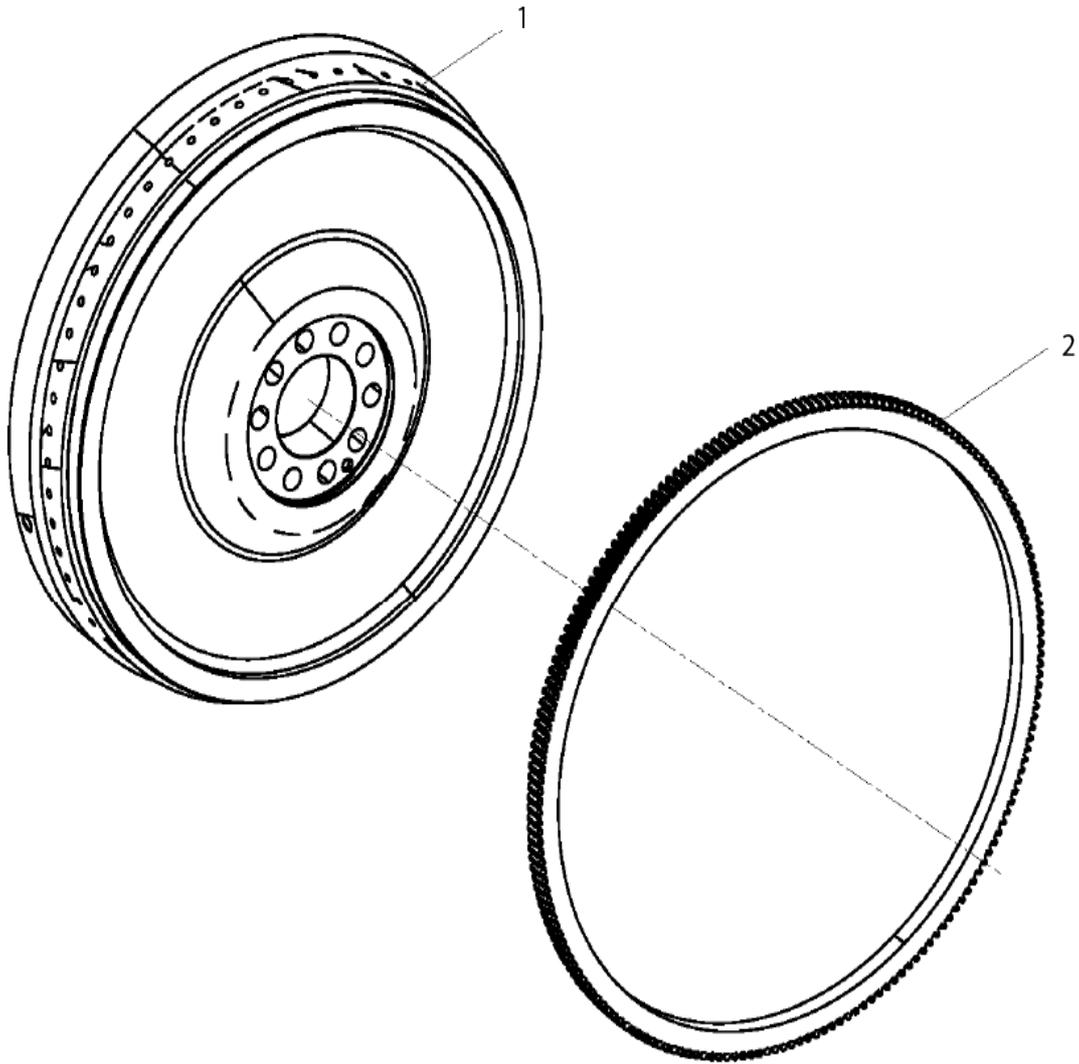
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Call Out Number	Part Number	Part Description	Qty
1	Z753086	FLYWHEEL	1
2	Z739421	BOLT, FLYWHEEL	10

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# RING GEAR

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ZBOM53L-1011

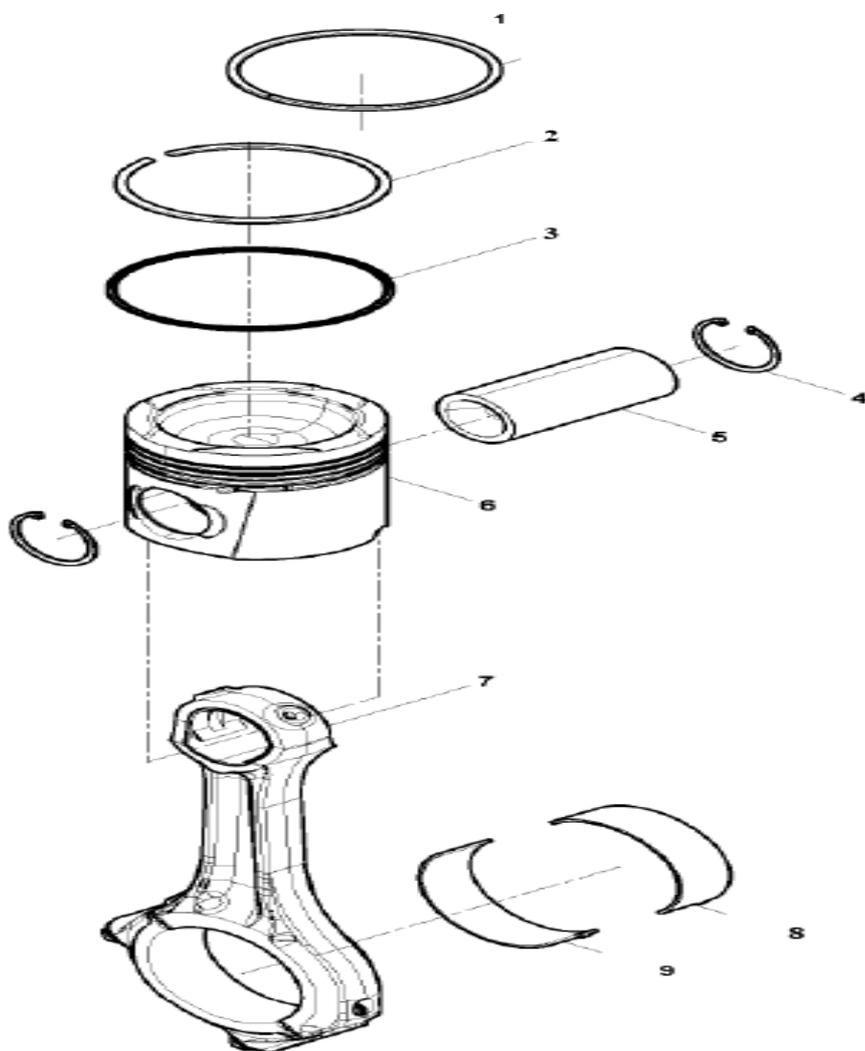
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Call Out Number	Part Number	Part Description	Qty
1	Z753406	FLYWHEEL	1
2	Z739420	GEAR, RING	1

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# PISTON AND CONNECTING ROD

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ZBOM53L-1012

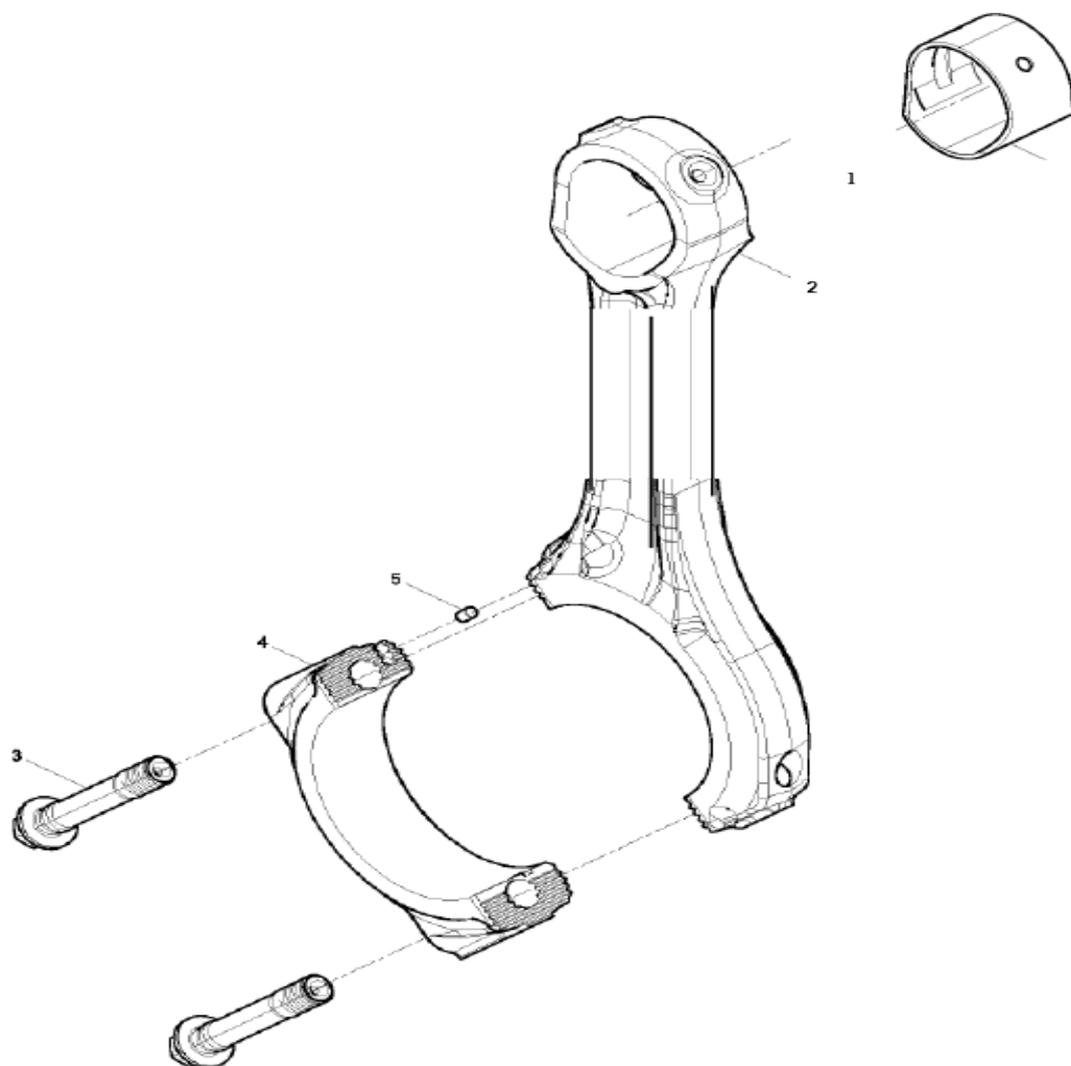
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Call Out Number	Part Number	Part Description	Qty
1	Z732016	RING, TOP	1
2	Z732017	RING, TAPPER	1
3	Z732018	RING, SPRING	1
4	Z739250	RETAINER	2
5	Z732019	PIN, PISTON	1
6	Z739249	PISTON	1
7	Z739252	ROD, CONNECTING	1
8	Z739256	BUSHING, CONNECTING ROD (UPPER)	1
9	Z739257	BUSHING, CONNECTING ROD (LOWER)	1

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# CONNECTING ROD

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ZBOM53L-1013

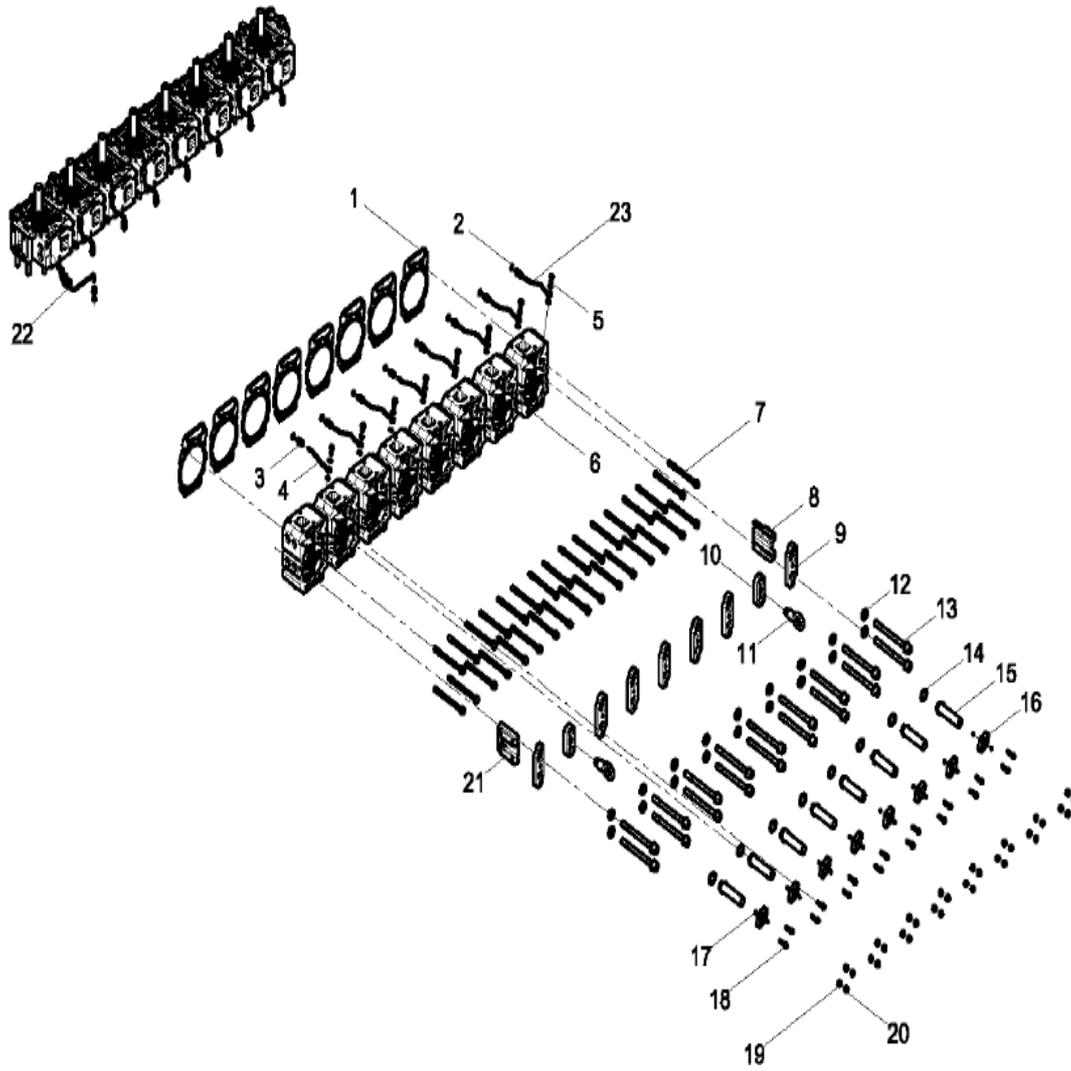
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Call Out Number	Part Number	Part Description	Qty
1	Z732404	BUSHING, CONNECTING ROD	1
2	Z739707	BODY, CONNECTING ROD	1
3	Z732407	BOLT, CONNECTING ROD	2
4	Z739708	COVER, CONNECTING ROD	1
5	Z739255	PIN	1

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# CYLINDER HEAD ASSY

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ZBOM53L-1014

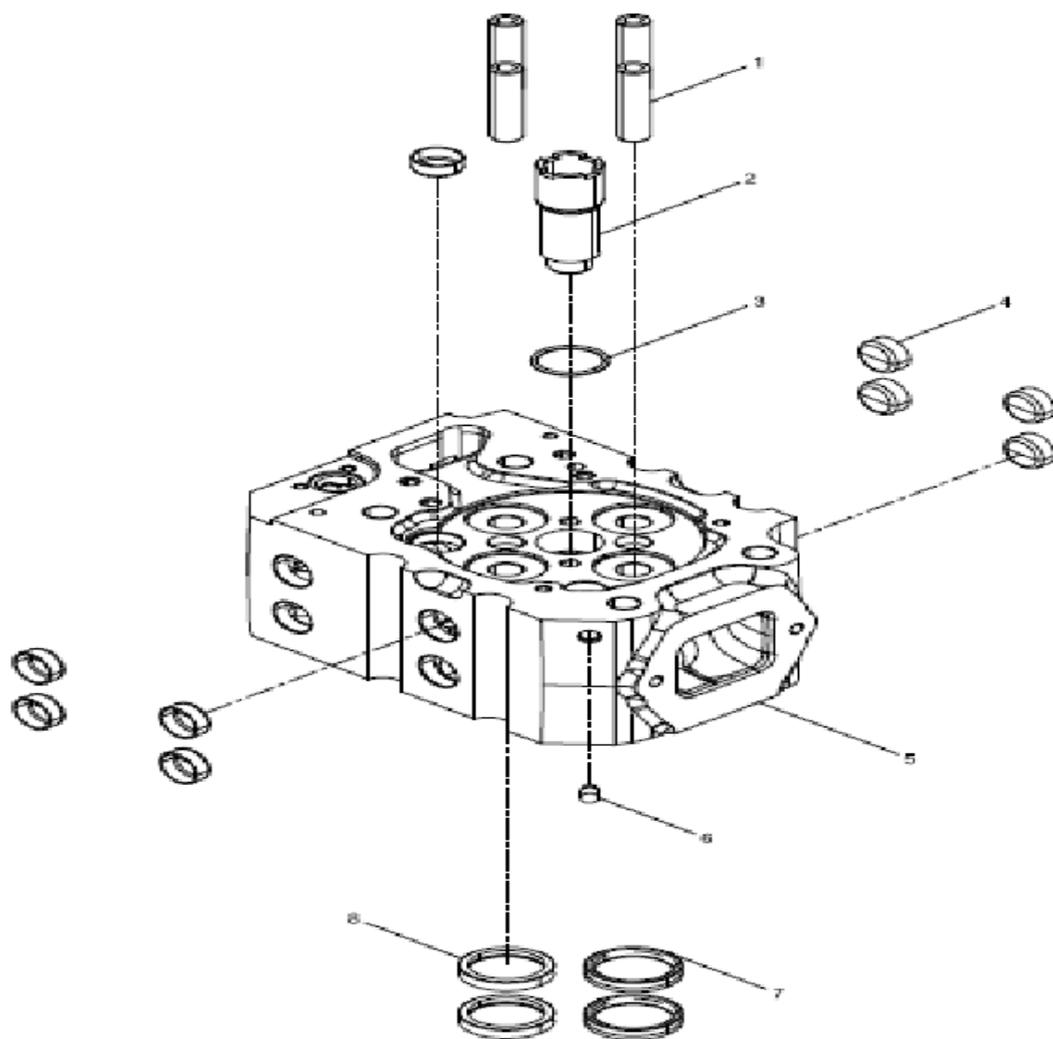
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Call Out Number	Part Number	Part Description	Qty
1	Z732074	GASKET, CYLINDER HEAD	16
2	Z732447	WASHER	48
3	Z753002	SLEEVE	16
4	Z753043	PIPE, OIL ROCKER	1
5	Z732251	BOLT	16
6	Z58900139	HEAD, CYLINDER (REWORK)	16
7	Z739267	BOLT, CYLINDER HEAD	64
8	Z753148	PLATE	2
9	Z753019	BLOCK	14
10	Z753151	BLOCK	4
11	Z753149	PLATE	4
12	Z753150	WASHER	36
13	Z732069	BOLT, CYLINDER HEAD	36
14	Z732065	SEAL	16
15	Z732064	BUSHING, IGNITION COIL	16
16	Z732066	CLAMP, IGNITION COIL BUSHING	16
17	Z732075	SCREW	36
18	Z732076	BOLT	36
19	Z732556	SEAL, EXHAUST VALVE STEM	32
20	Z732067	SEAL, VALVE STEM (INTAKE)	32
21	Z739263	PLATE, END	2
22	Z753015	PIPE, OIL ROCKER	1
23	Z753012	PIPE, OIL ROCKER	14

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# CYLINDER HEAD

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ZBOM53L-1015

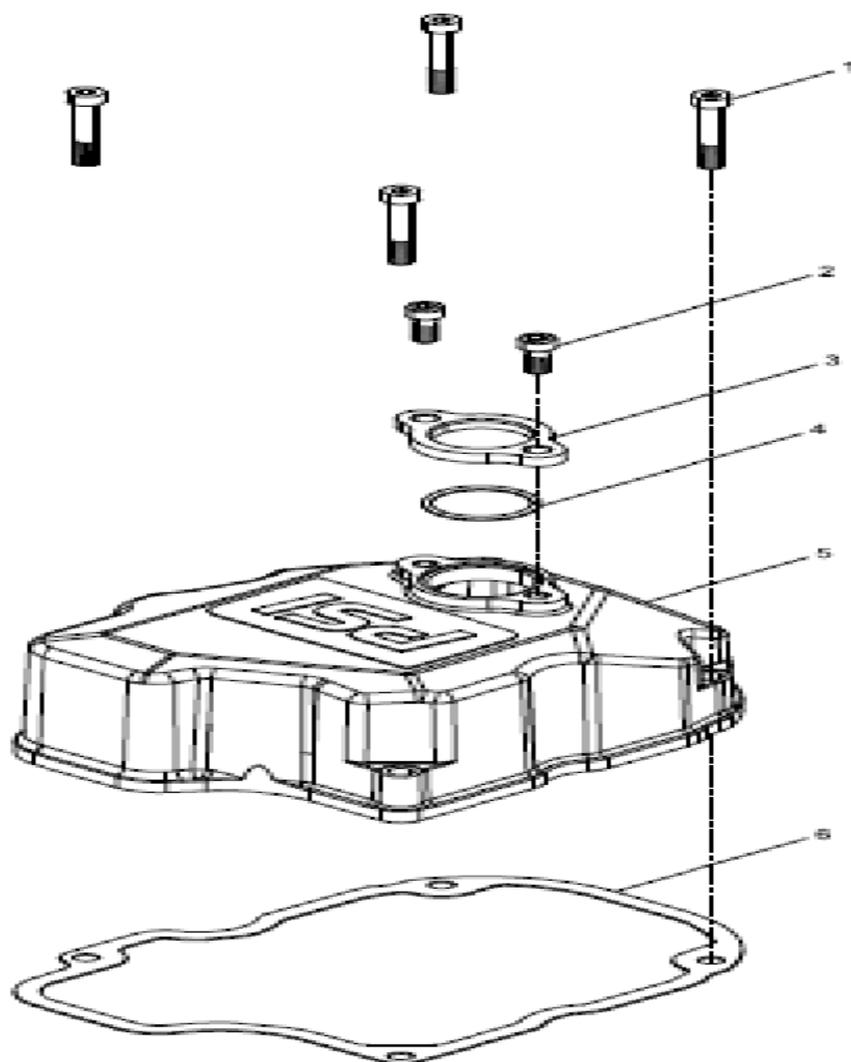
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Call Out Number	Part Number	Part Description	Qty
1	Z732558	INSERT, VALVE GUIDE	4
2	Z732409	BUSHING, SPARK PLUG	1
3	Z732024	O-RING	1
4	Z732410	PLUG	9
5	Z739709	HEAD, CYLINDER	1
6	Z732412	RIVET	1
7	Z732413	SEAT, INTAKE VALVE	2
8	Z732560	INSERT, EXHAUST VALVE SEAT	2

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# CYLINDER HEAD COVER

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ZBOM53L-1016

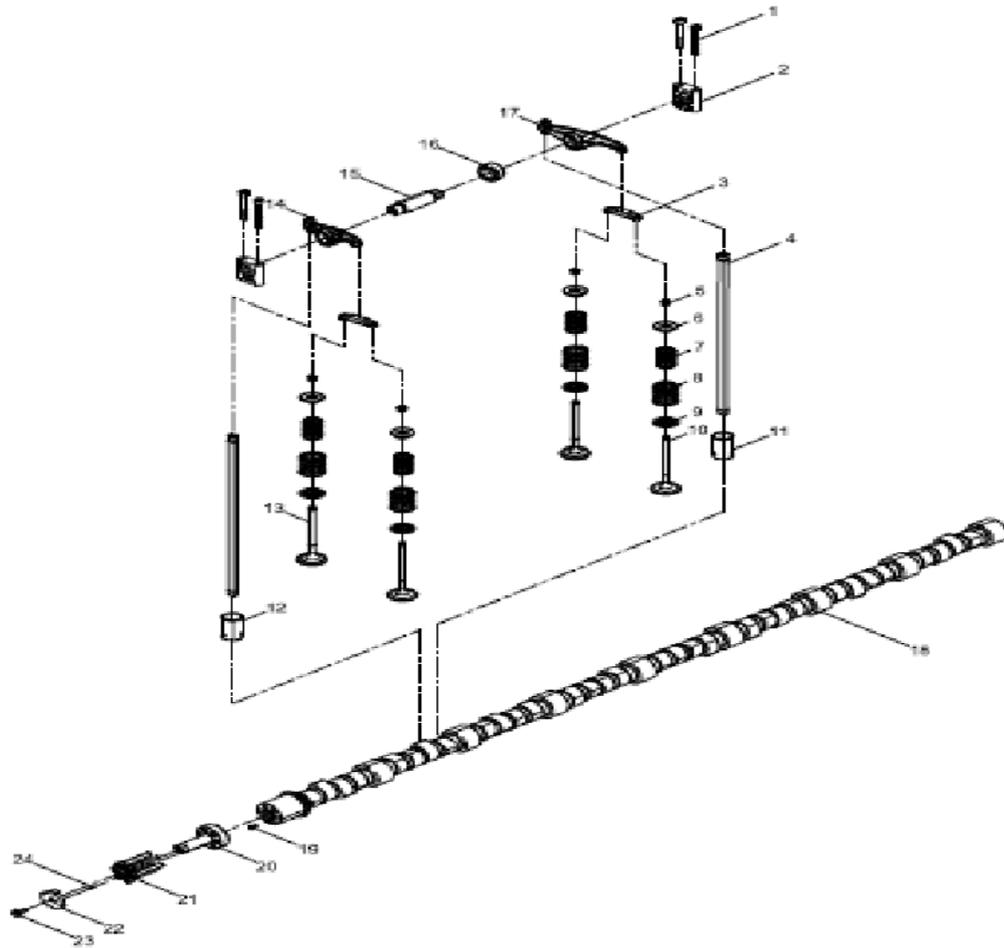
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Call Out Number	Part Number	Part Description	Qty
1	Z739491	SCREW	4
2	Z739492	SCREW	2
3	Z732022	COVER	1
4	Z52500421	O-RING	1
5	Z739710	COVER, CYLINDER HEAD	1
6	Z732023	GASKET, CYLINDER HEAD COVER	1

---

# VALVE TRAIN

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ZBOM53L-1017

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Call Out Number	Part Number	Part Description	Qty
1	Z739401	NUT	6
2	Z732134	BRACKET, ROCKER ARM	32
3	Z732135	BRIDGE, VALVE	32
4	Z739395	ROD, PUSH	32
5	Z732554	COLLET, VALVE	128
6	Z732132	RETAINER, VALVE SPRING (TOP)	64
7	Z753146	(USE Z732125) SPRING, VALVE (INNER)	64
8	Z753145	(USE Z732124) SPRING, VALVE (OUTER)	64
9	Z732130	RETAINER, VALVE SPRING (BOTTOM)	64
10	Z732119	VALVE, INTAKE	32
11	Z732131	TAPPET	16
12	Z739411	TAPPET	16
13	Z732561	VALVE, EXHAUST	32
14	Z732137	ARM, ROCKER (EXHAUST)	16
15	Z732120	SHAFT, ROCKER ARM	16
16	Z732138	SLEEVE	16
17	Z732136	ARM, ROCKER (INTAKE)	16
18	Z753300	(USE Z753420) CAMSHAFT	1
18	Z753098	CAMSHAFT	1
19	Z732139	PIN, DOWEL	1
20	Z753029	SHAFT	1
21	Z739398	BOLT	64
22	Z739403	PLATE	1
23	Z739402	BOLT	1
24	Z732141	PIN, DOWEL	1

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# CAMSHAFT

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550x200

ZBOM53L-1018

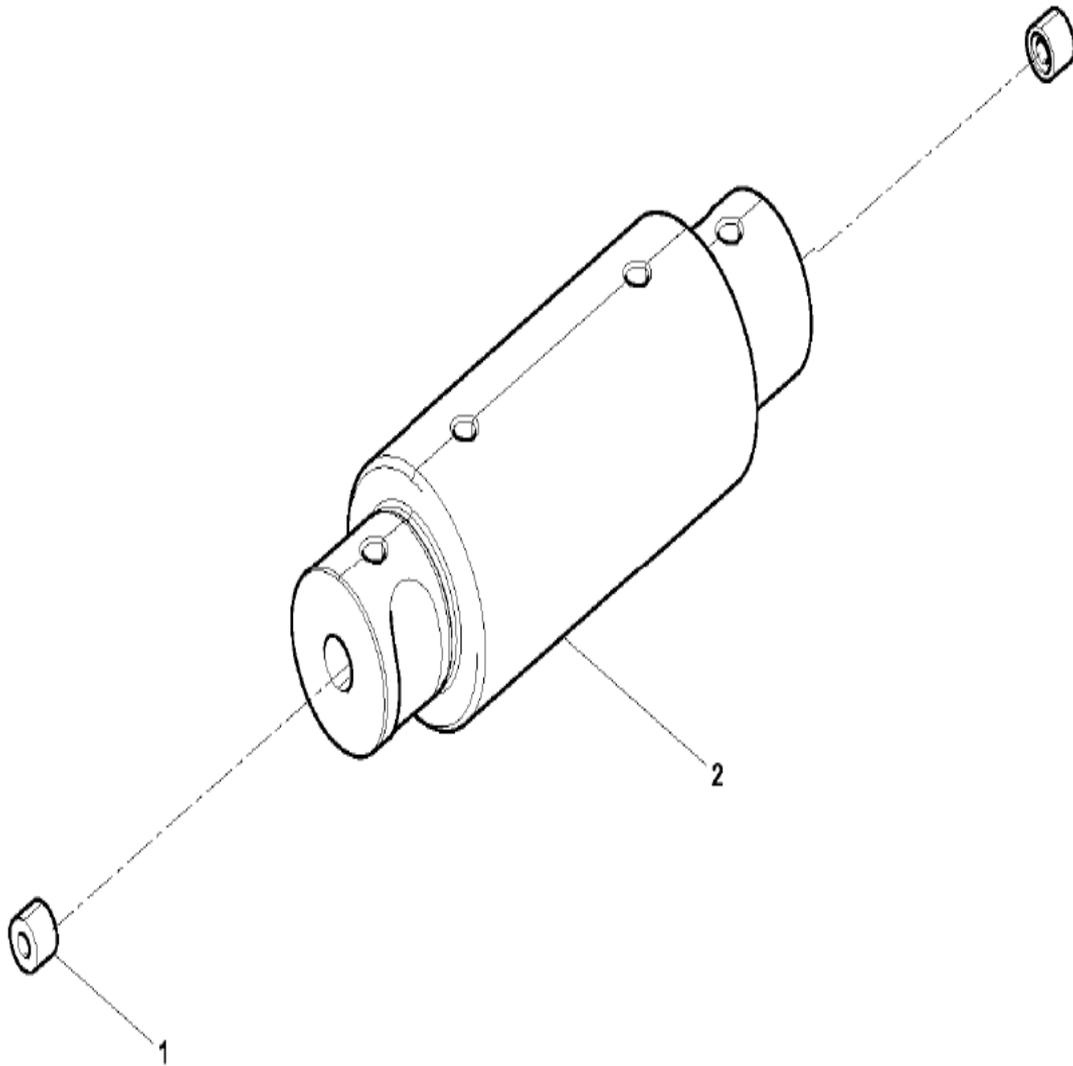
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Call Out Number	Part Number	Part Description	Qty
1	Z753421	CAMSHAFT	1
2	Z732139	PIN, DOWEL	1

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# ROCKER ARM SHAFT SET

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ZBOM53L-1019

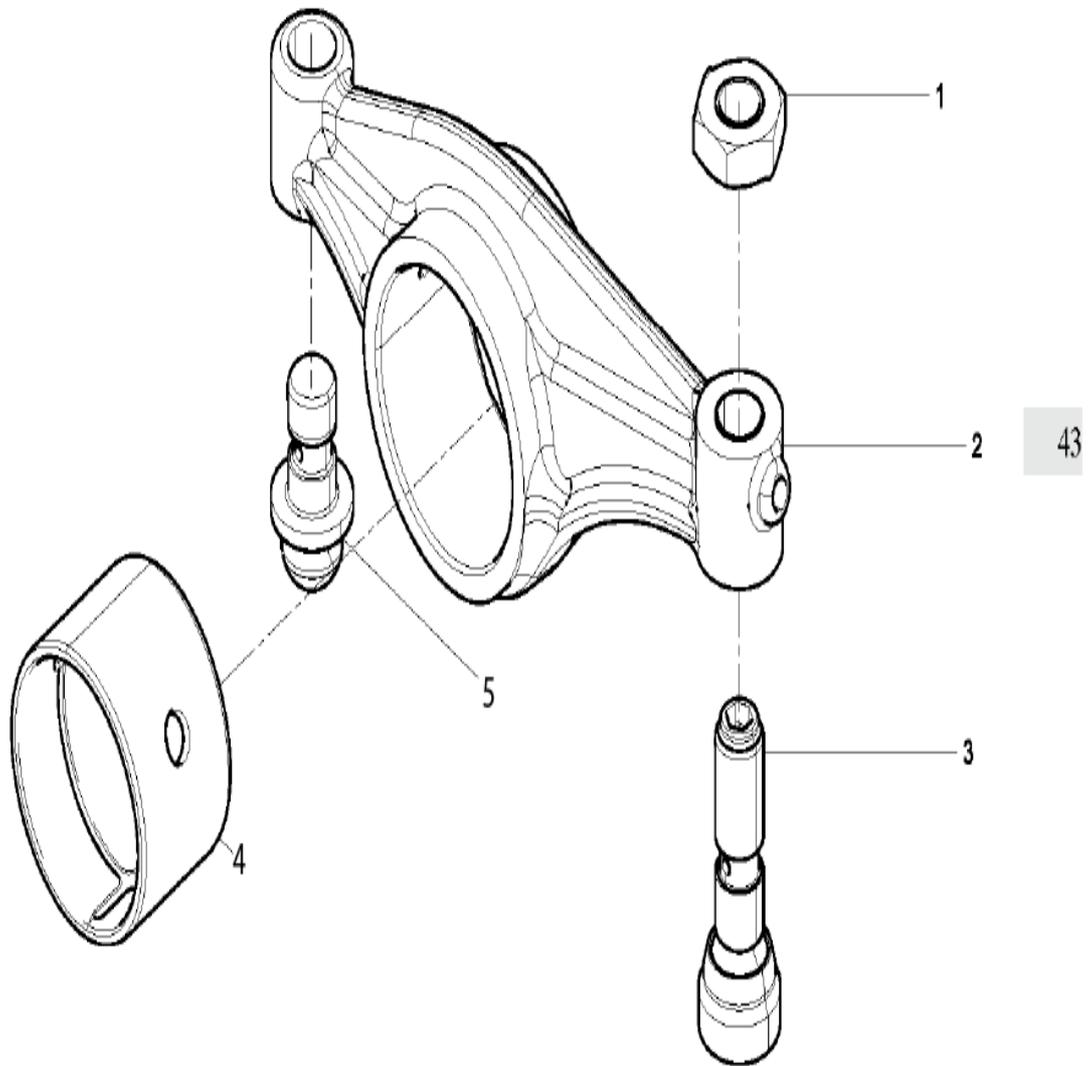
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Call Out Number	Part Number	Part Description	Qty
1	Z732426	RIVET	2
2	Z739720	(USE Z732120) SHAFT, ROCKER ARM	1

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# INTAKE ROCKER ARM ASSY

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ZBOM53L-1020

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Call Out Number	Part Number	Part Description	Qty
1	Z732416	NUT	1
2	Z739712	(PART OF Z732136) ARM, ROCKER (INTAKE)	1
3	Z739713	(PART OF Z732136) SCREW, ROCKER ARM (ADJ)	1
4	Z732419	(PART OF Z732137) BUSHING, ROCKER ARM	1
5	Z739715	(PART OF Z732136) PIN, BALL (ROCKER ARM)	1

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# EXHAUST ROCKER ARM ASSY

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550x200

ZBOM53L-1021

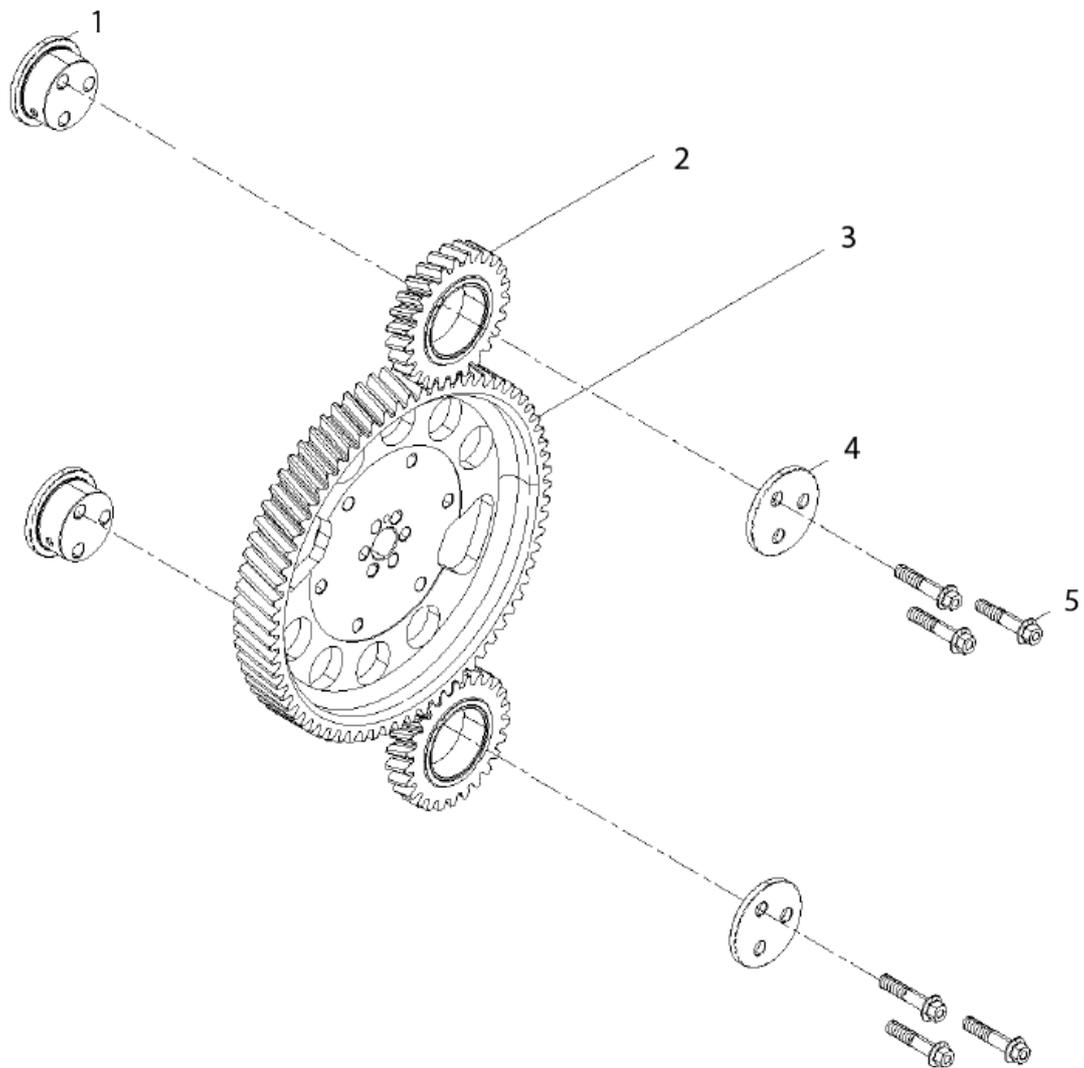
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Call Out Number	Part Number	Part Description	Qty
1	Z732416	NUT	1
2	Z739716	(PART OF Z732137)ARM, ROCKER (EXHAUST)	1
3	Z739713	(PART OF Z732136) SCREW, ROCKER ARM (ADJ)	1
4	Z732419	(PART OF Z732137) BUSHING, ROCKER ARM	1
5	Z739715	(PART OF Z732136) PIN, BALL (ROCKER ARM)	1

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# GEAR DRIVE

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ZBOM53L-1022

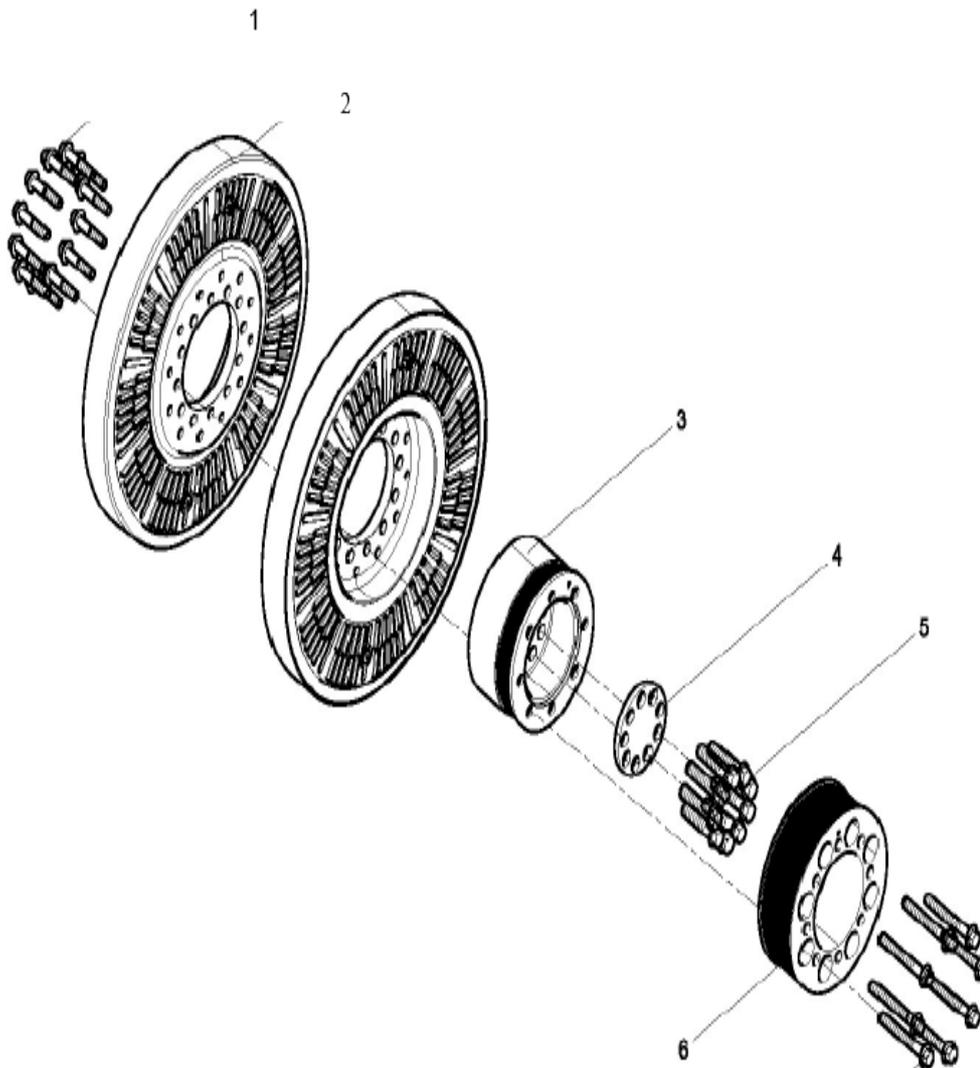
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Call Out Number	Part Number	Part Description	Qty
1	Z753016	SHAFT, GEAR	2
2	Z753018	GEAR	2
3	Z739211	GEAR, CAMSHAFT	1
4	Z753017	BAFFLE	2
5	Z739118	BOLT	6

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# CRANKSHAFT PULLEY

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ZBOM53L-1023

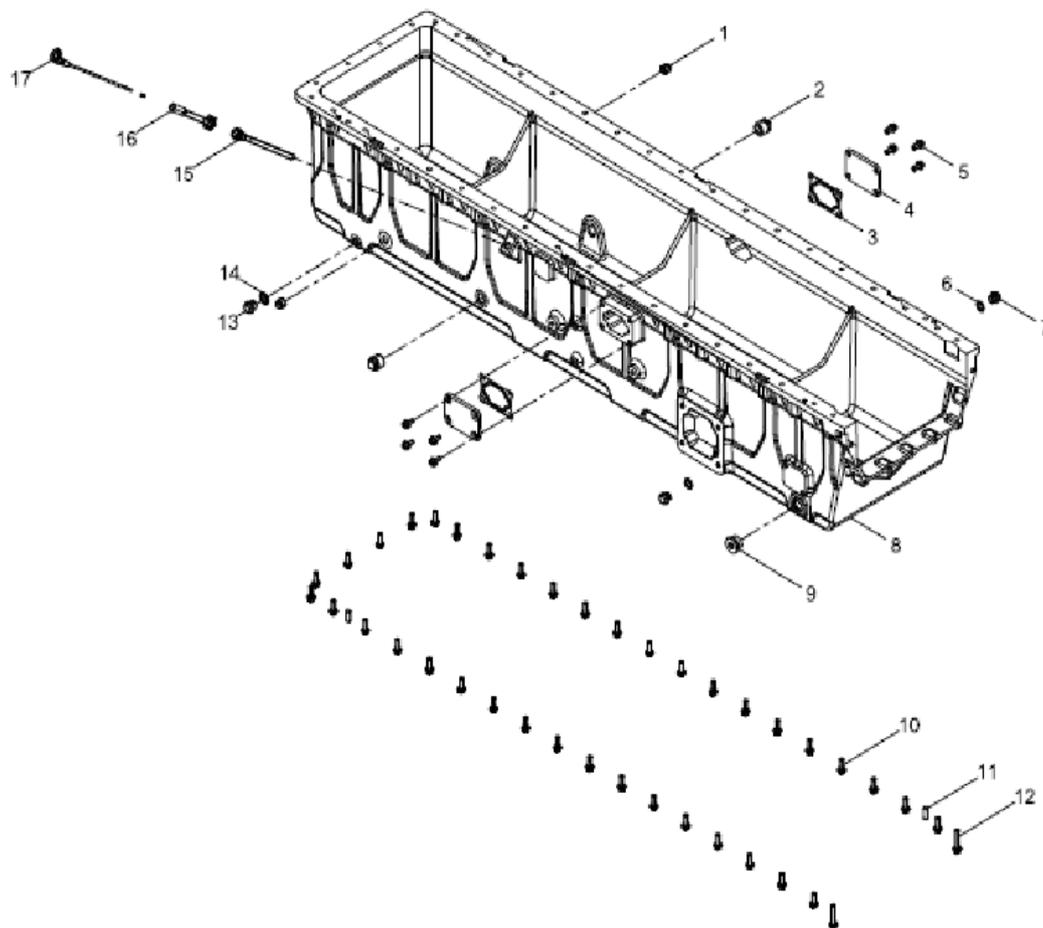
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Call Out Number	Part Number	Part Description	Qty
1	Z732262	BOLT	12
2	Z753006	DAMPER	2
3	Z753095	PULLEY, CRANKSHAFT	1
4	Z753089	PAD	1
5	Z753054	BOLT	9
6	Z753408	PULLEY, CRANKSHAFT	1
7	Z753007	BOLT	8

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# OIL PAN

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ZBOM53L-1024

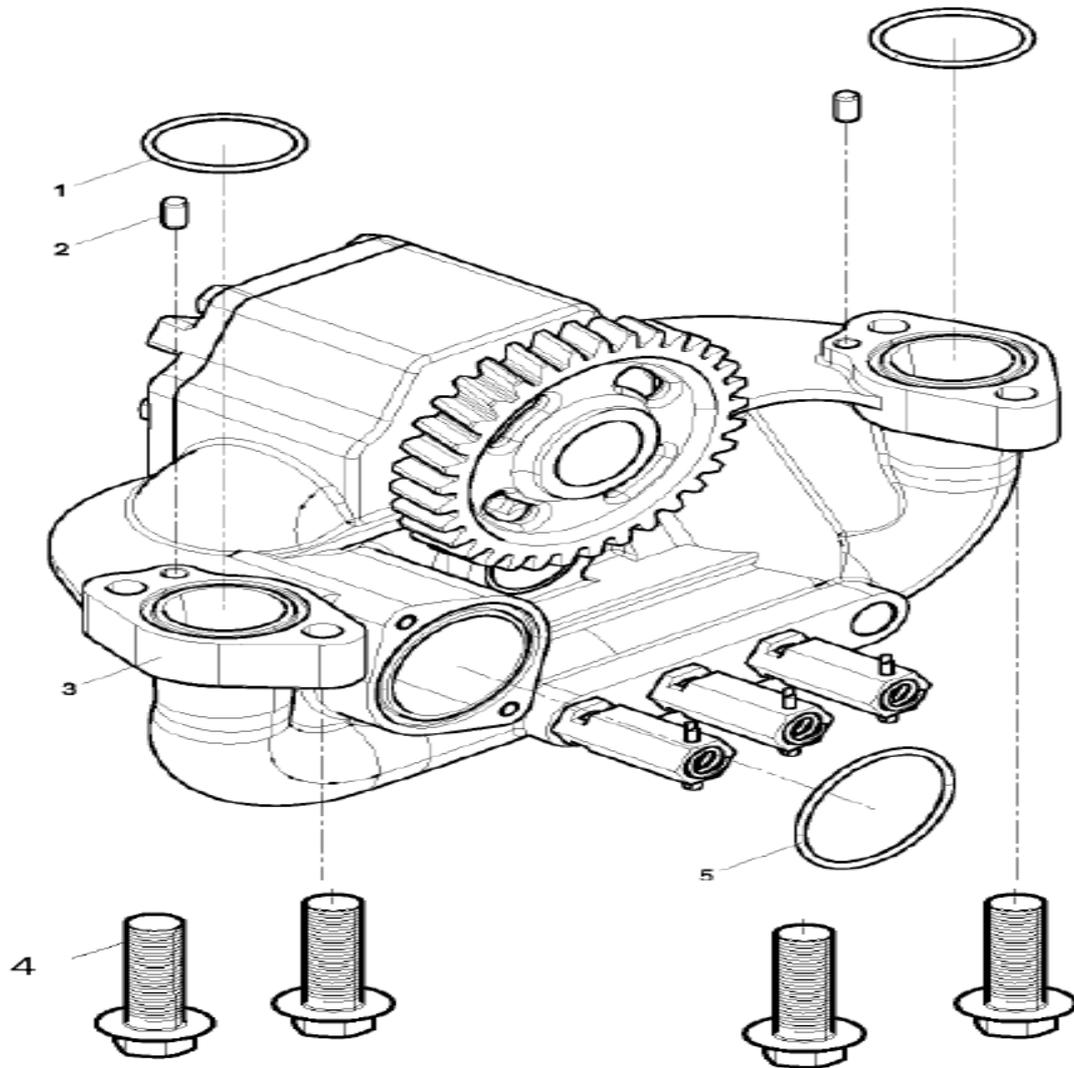
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Call Out Number	Part Number	Part Description	Qty
1	Z739529	PLUG	2
2	Z732190	PLUG	2
3	Z753091	GASKET	2
4	Z753092	COVER	2
5	Z767052	BOLT	8
6	Z739550	WASHER	2
7	Z739549	PLUG	2
8	Z753011	PAN, OIL	1
9	Z753066	PLUG	1
10	Z732170	BOLT	38
11	Z739528	PIN, DOWEL	2
12	Z753131	BOLT	2
13	Z732502	Plug	1
14	Z732501	WASHER	1
15	Z753003	TUBE, OIL	1
16	Z753001	TUBE, DIPSTICK	1
17	Z753042	DIPSTICK	1

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# OIL PUMP

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ZBOM53L-1025

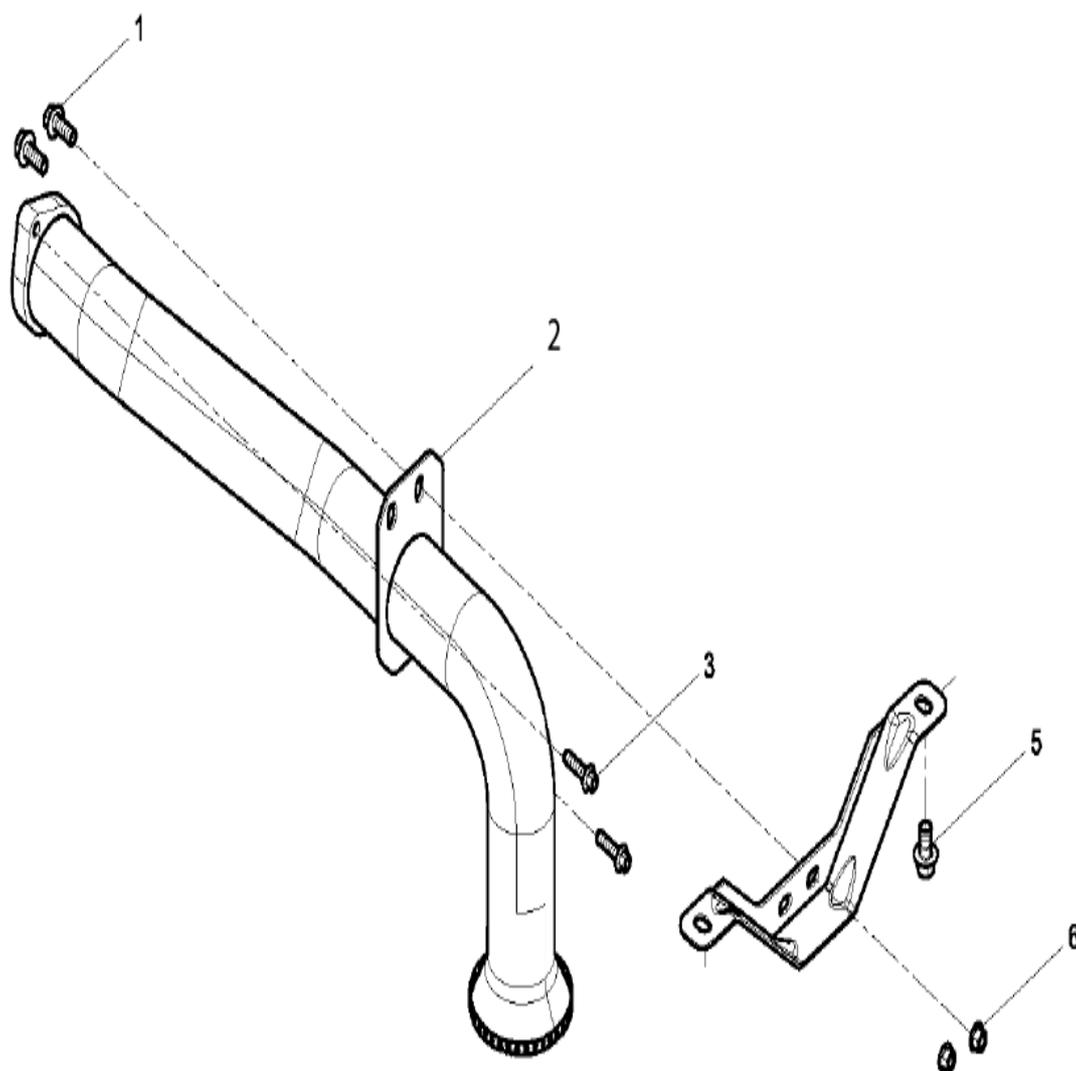
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Call Out Number	Part Number	Part Description	Qty
1	Z753108	SEAL	2
2	Z753125	PIN	2
3	Z753480	PUMP, OIL	1
4	Z753409	BOLT	4
5	Z753114	SEAL	1

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# OIL STRAINER BRACKET

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ZBOM53L-1026

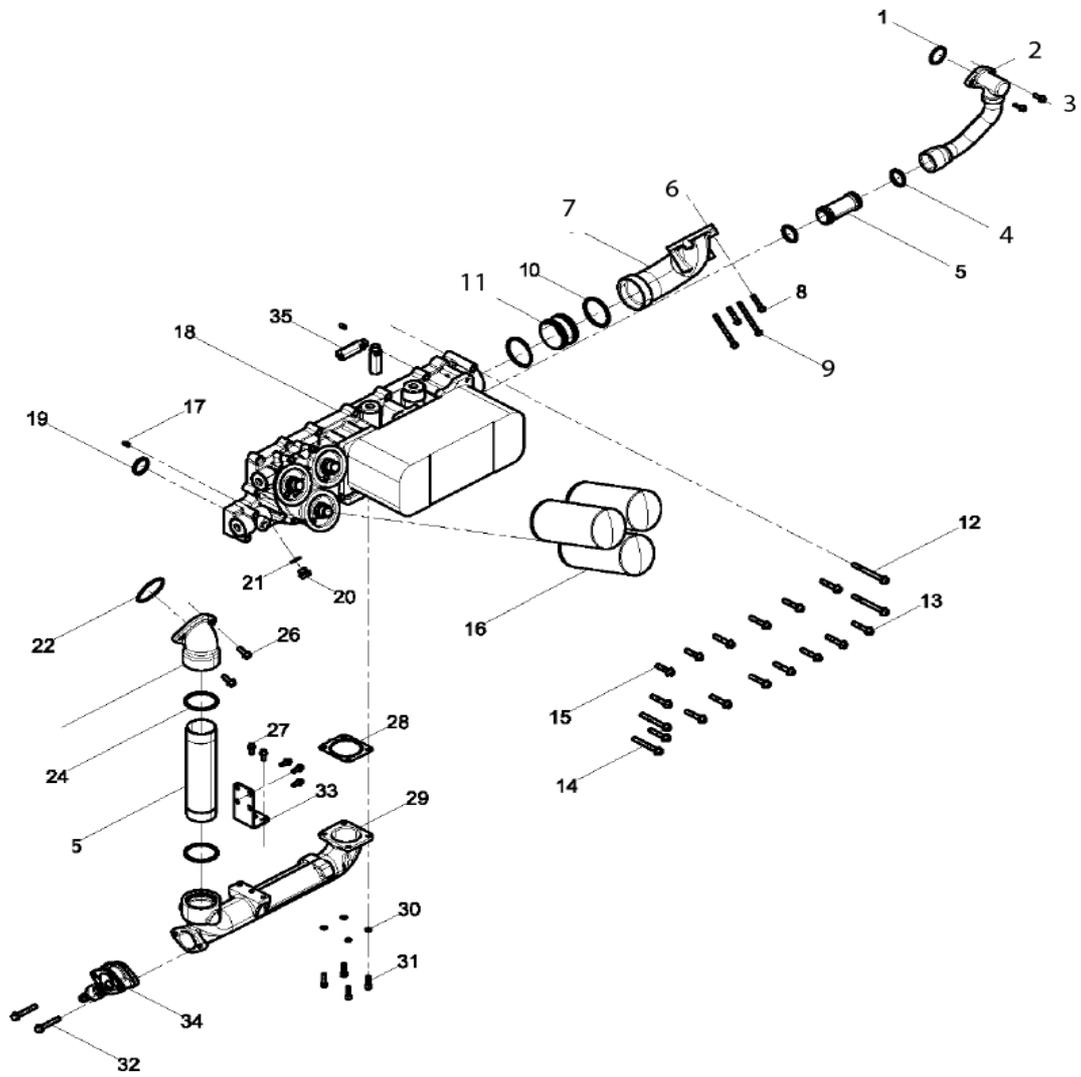
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Call Out Number	Part Number	Part Description	Qty
1	Z732007	BOLT	2
2	Z753045	PICKUP, OIL	1
3	Z739127	BOLT	2
4	Z739454	BRACKET, OIL STRAINER	1
5	Z720078	BOLT	2
6	Z732214	NUT	2

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# OIL COOLER

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ZBOM53L-1027

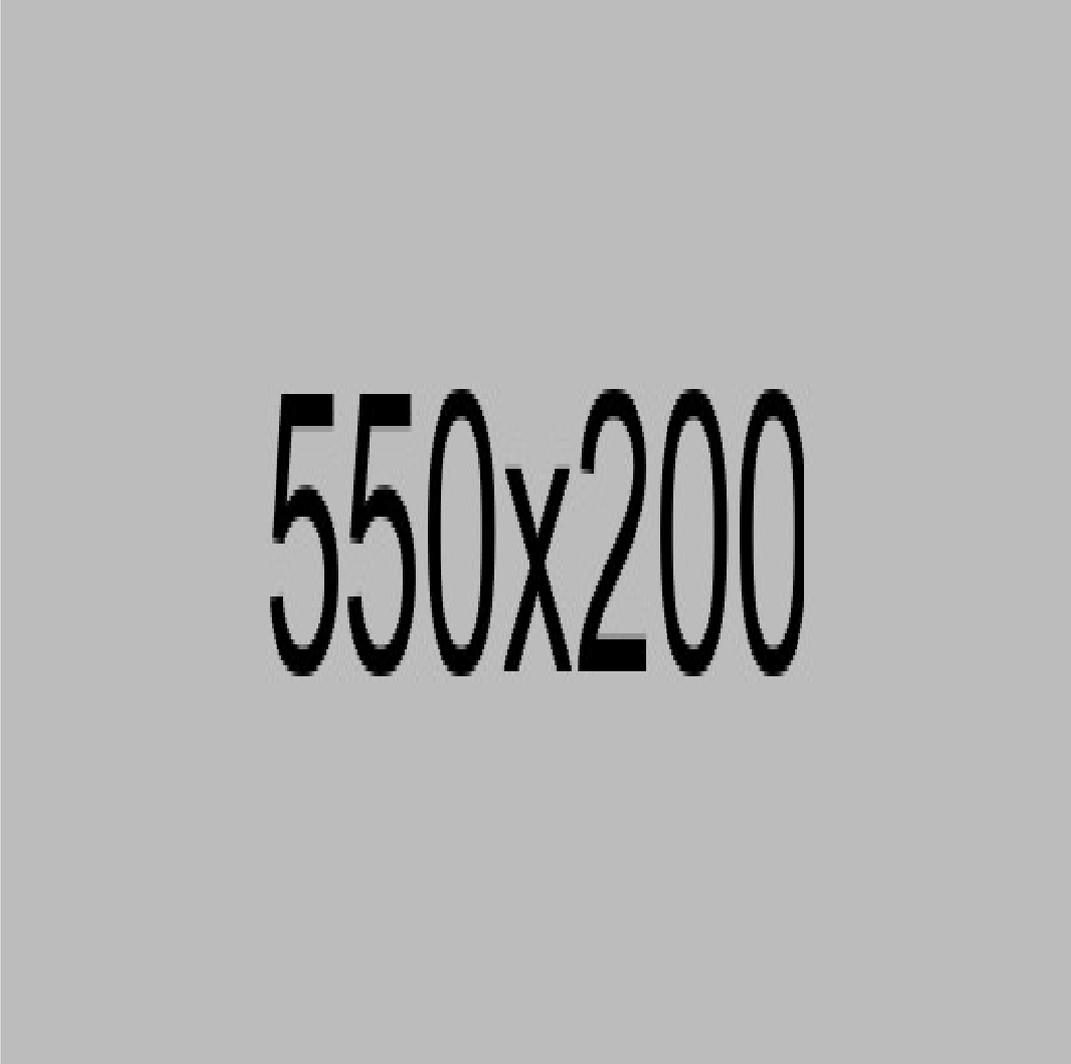
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Call Out Number	Part Number	Part Description	Qty
1	Z753113	SEAL	1
2	Z753057	PIPE, OIL COOLER LUBE	1
3	Z753133	BOLT	2
4	Z753112	SEAL	2
5	Z753059	CONNECTOR, HOSE	1
6	Z753067	GASKET	1
7	Z753040	PIPE, OIL COOLER WATER	1
8	Z732344	BOLT	2
9	Z720071	BOLT	2
10	Z753071	SEAL	2
11	Z739101	PIPE	1
12	Z739119	BOLT	2
13	Z739118	BOLT	13
14	Z720075	BOLT	2
15	Z739126	BOLT	2
16	Z753055	FILTER, OIL	3
17	Z732368	PIN, DOWEL	2
18	Z753119	COOLER, OIL	1
19	Z739112	SEAL	1
20	Z739549	PLUG	1
21	Z739504	WASHER	1
22	Z753105	SEAL	1
23	Z753033	CONNECTOR, PIPE	1
24	Z753109	SEAL	2
25	Z753025	PIPE, OIL COOLER WATER	1
26	Z732007	BOLT	2
27	Z732008	BOLT	5
28	Z739113	GASKET	1
29	Z753037	PIPE, OIL COOLER WATER	1
30	Z767034	WASHER, SPRING	4
31	Z732114	SCREW	4
32	Z739121	BOLT	2
33	Z739109	BRACKET, WATER PIPE	1
34	Z739116	VALVE, SHUT OFF LH	1
35	Z732289	VALVE, PRESSURE LIMIT	2

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# EMERGENCY WATER VALVE

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550x200

ZBOM53L-1028

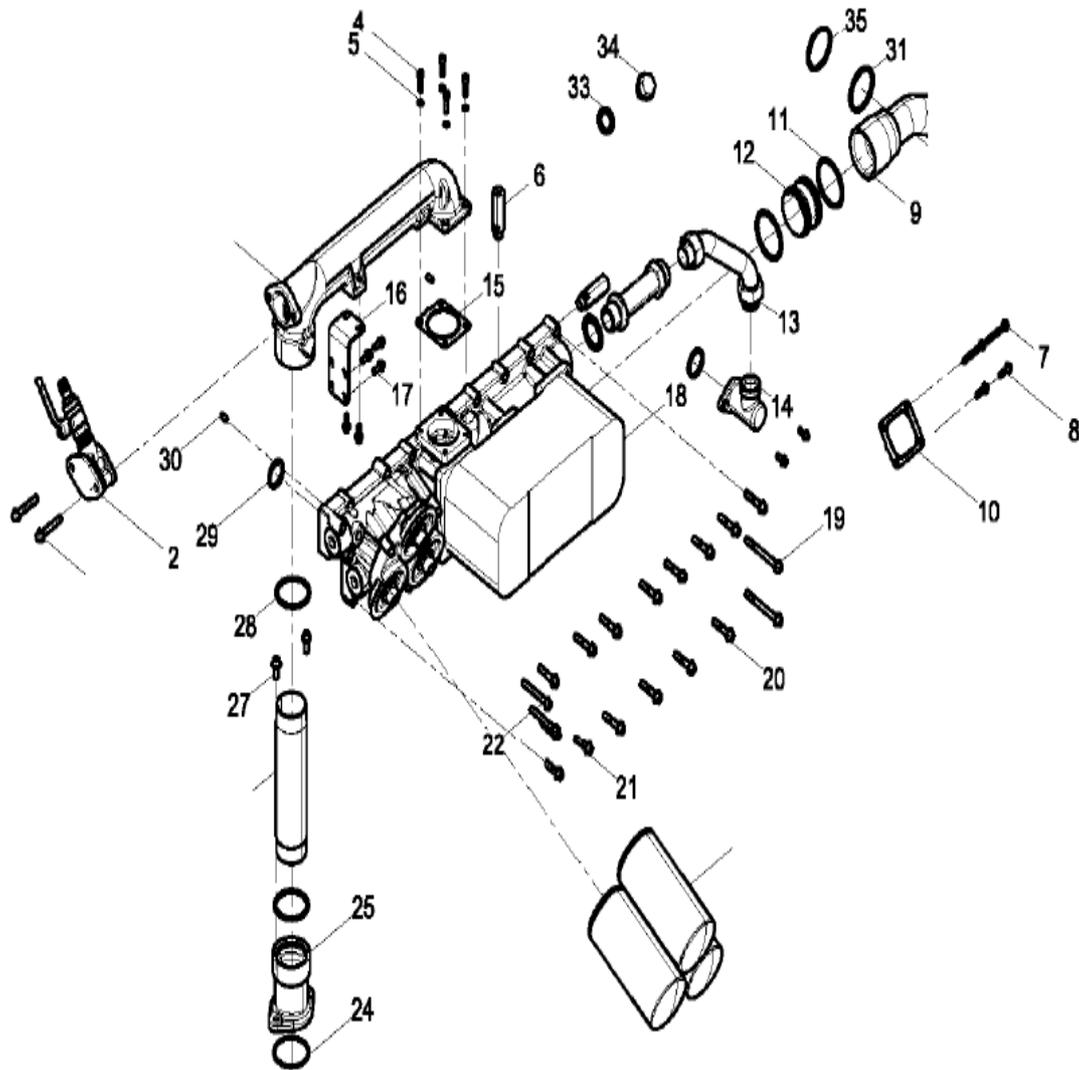
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Call Out Number	Part Number	Part Description	Qty
1	Z732337	COVER	1
2	Z732191	GASKET	2
3	Z739729	PAD	1
4	Z739730	ADAPTER	1
5	Z739379	VALVE, SHUT OFF	1
6	Z753152	GASKET, PIPE	1
7	Z732058	WASHER	1
8	Z739353	NUT	1

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# OIL COOLER

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ZBOM53L-1029

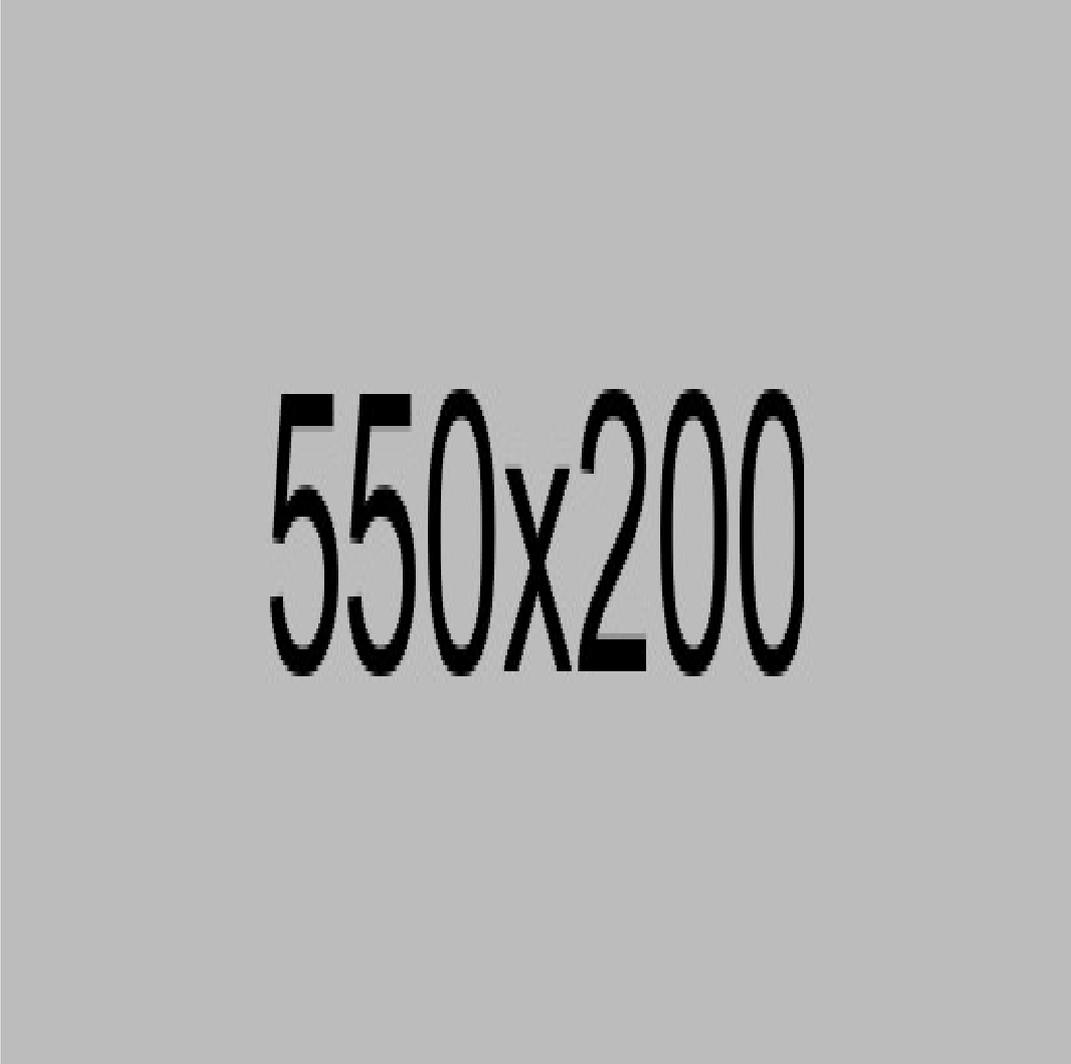
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Call Out Number	Part Number	Part Description	Qty
1	Z739121	BOLT	2
2	Z739183	VALVE, SHUT OFF RH	1
3	Z753037	PIPE, OIL COOLER WATER	1
4	Z732114	SCREW	4
5	Z767034	WASHER, SPRING	4
6	Z732289	VALVE, PRESSURE LIMIT	2
7	Z720071	BOLT	2
8	Z732344	BOLT	2
9	Z753024	PIPE, OIL COOLER WATER	1
10	Z753067	GASKET	1
11	Z753071	SEAL	2
12	Z739101	PIPE	1
13	Z753058	PIPE, OIL COOLER LUBE	1
14	Z753059	CONNECTOR, HOSE	1
15	Z739113	GASKET	1
16	Z739109	BRACKET, WATER PIPE	1
17	Z732008	BOLT	5
18	Z753120	COOLER, OIL	1
19	Z739119	BOLT	2
20	Z739118	BOLT	13
21	Z739126	BOLT	2
22	Z720075	BOLT	2
23	Z753765	FILTER, OIL	2
24	Z753105	SEAL	1
25	Z753034	CONNECTOR, PIPE	1
26	Z753025	PIPE, OIL COOLER WATER	1
28	Z753109	SEAL	2
29	Z739112	SEAL	1
30	Z732368	PIN, DOWEL	2
31	Z753113	SEAL	1
32	Z753133	BOLT	2
33	Z739504	WASHER	1
34	Z739549	PLUG	1
35	Z753112	SEAL	2
36	Z753139	HOSE	1
37	Z753143	BLOCK	1

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# EMERGENCY WATER VALVE

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550x200

ZBOM53L-1030

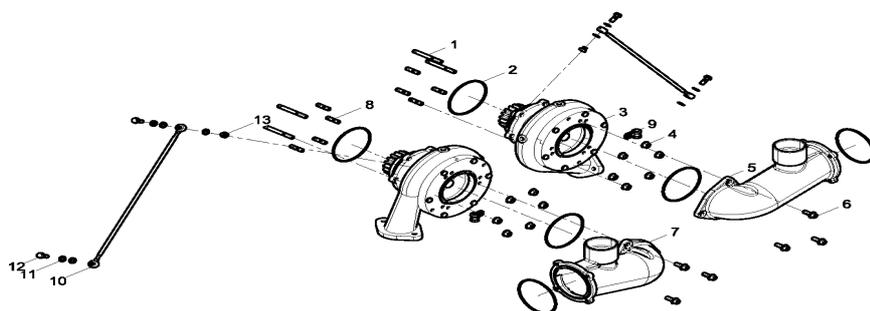
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Call Out Number	Part Number	Part Description	Qty
1	Z732337	COVER	1
2	Z732191	GASKET	2
3	Z739729	PAD	1
4	Z739730	ADAPTER	1
5	Z739379	VALVE, SHUT OFF	1
6	Z753152	GASKET, PIPE	1
7	Z732058	WASHER	1
8	Z739353	NUT	1

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# WATER PIPE

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ZBOM53L-1031

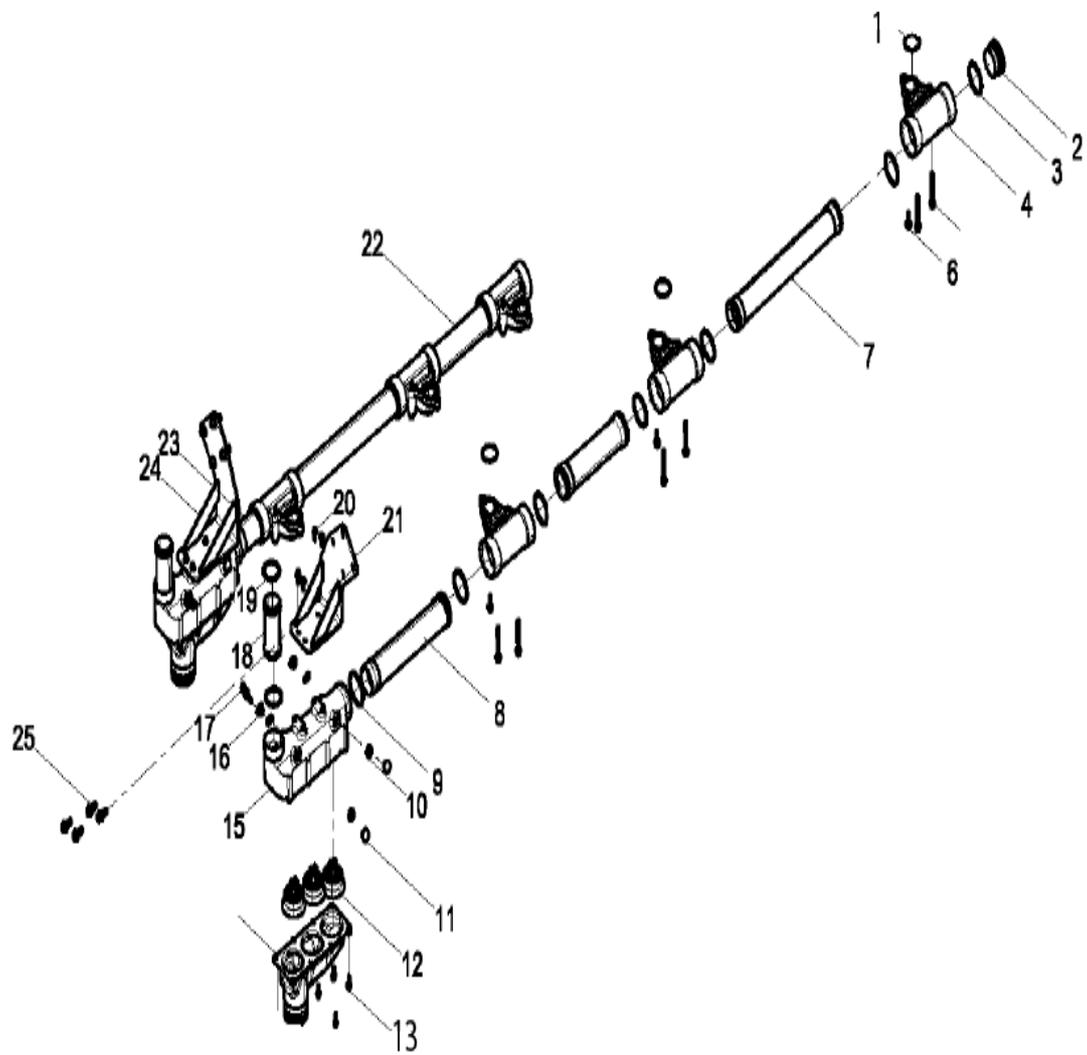
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Call Out Number	Part Number	Part Description	Qty
1	Z753410	STUD	4
2	Z739440	O-RING	6
3	Z52000436	WATER PUMP	2
4	Z720104	NUT	12
5	Z753036	HOSE, WATER PUMP	1
6	Z732007	BOLT	6
7	Z753044	HOSE, WATER PUMP	1
8	Z753412	STUD	8
9	Z739753	CLAMP	2
10	Z739752	PIPE	2
11	Z767204	WASHER	10
12	Z739754	BOLT	4
13	Z753056	PLUG	2

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# WATER OUTLET

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ZBOM53L-1032

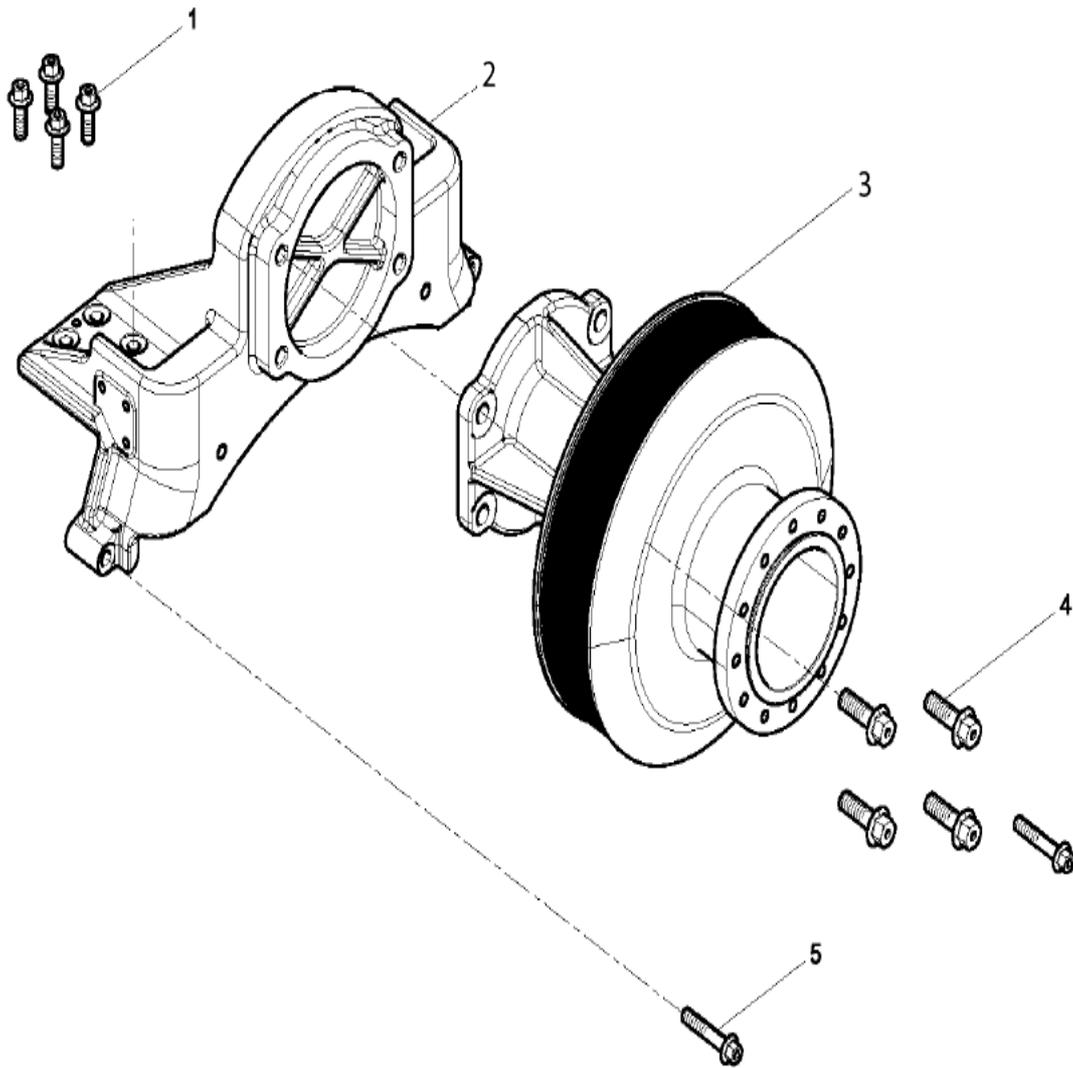
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Call Out Number	Part Number	Part Description	Qty
1	Z753110	SEAL	6
2	Z753081	PLUG	2
3	Z753085	SEAL	12
4	Z753077	CONNECTOR, PIPE	6
5	Z753130	BOLT	12
6	Z732170	BOLT	6
7	Z753082	PIPE, WATER	2
8	Z753083	PIPE, WATER	1
9	Z753071	SEAL	2
10	Z732088	SEAL	8
11	Z753144	PLUG	6
12	Z732097	THERMOSTAT	6
13	Z732103	BOLT	16
14	Z753041	COVER, THERMOSTAT	2
15	Z753038	HOUSING, THERMOSTAT	2
16	Z732099	SEAL	2
17	Z767277	SENSOR, TEMP	2
18	Z753094	CONNECTOR, PIPE	2
19	Z753072	O-RING	4
20	Z739756	BOLT	8
21	Z753102	SUPPORT	1
22	Z753079	PIPE, WATER	2
23	Z753084	PIPE, WATER	1
24	Z753103	SUPPORT	1
25	Z753128	BOLT	8

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# FAN BRACKET

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ZBOM53L-1034

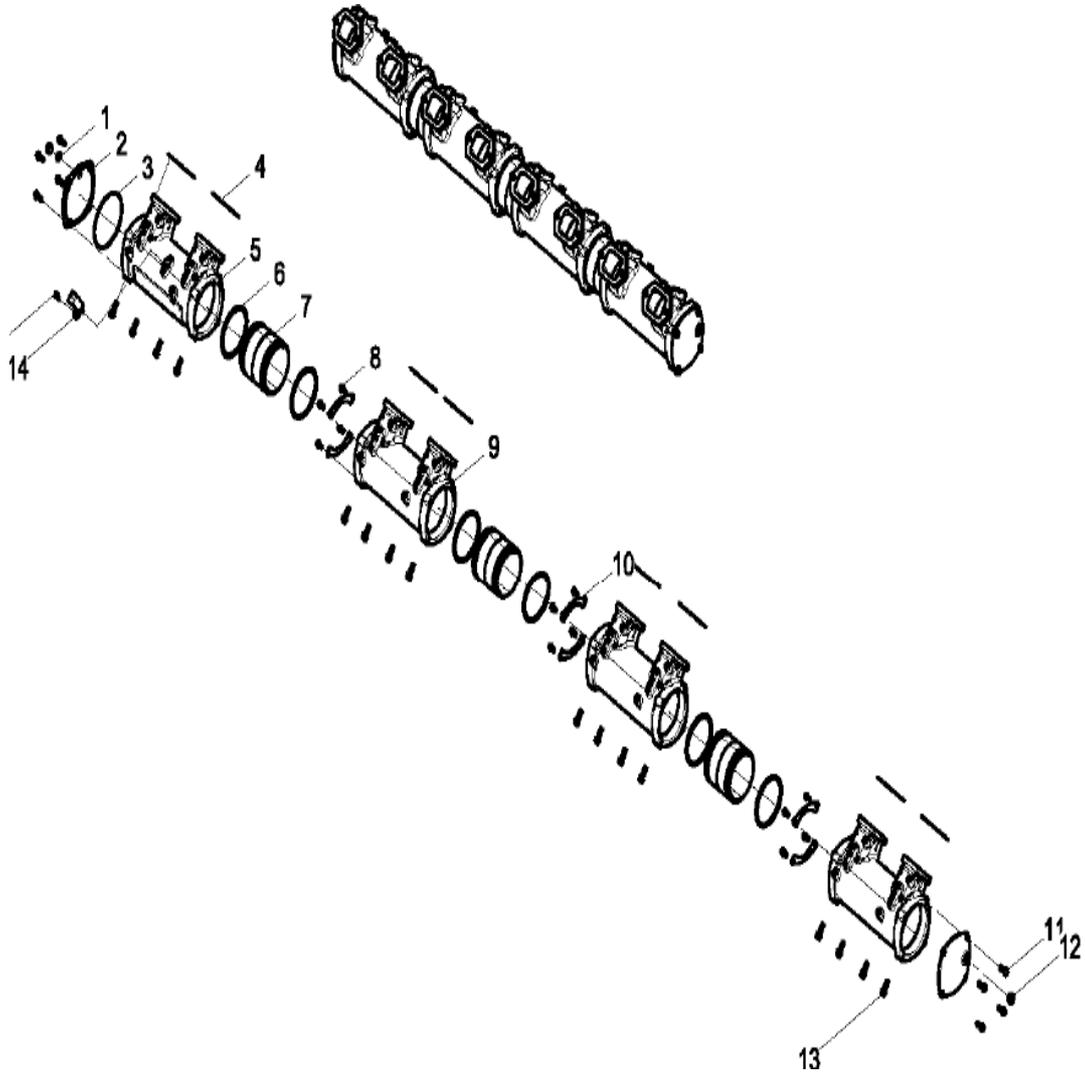
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Call Out Number	Part Number	Part Description	Qty
1	Z753123	BOLT	8
2	Z739234	BRACKET	1
3	Z753023	BRACKET, FAN	1
4	Z753121	BOLT	4
5	Z753122	BOLT	2

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# INTAKE MANIFOLD

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ZBOM53L-1035

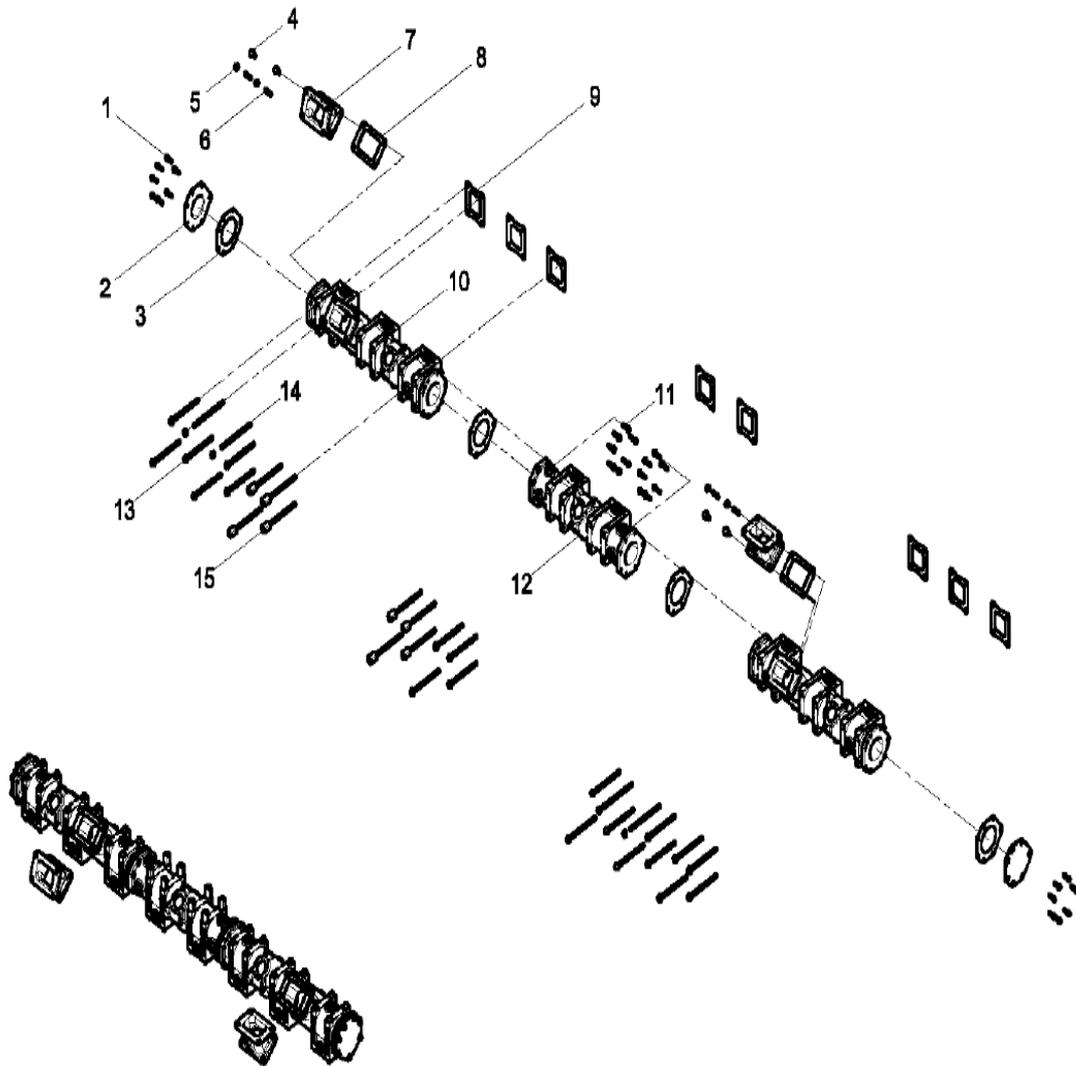
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Call Out Number	Part Number	Part Description	Qty
1	Z732152	WASHER	2
2	Z739323	PLATE	4
3	Z753204	O-RING	2
4	Z732149	GASKET, INTAKE MANIFOLD	16
5	Z732142	MANIFOLD, INTAKE	2
6	Z753203	ORING	12
7	Z732147	PIPE, CONNECTING	6
8	Z732104	BOLT	24
9	Z732143	MANIFOLD, INTAKE	6
10	Z732148	RING, THRUST	12
11	Z753155	BOLT	16
12	Z753147	PLUG	4
13	Z732170	BOLT	32
14	Z732145	(USE Z33000841) SENSOR	2
15	Z739733	BOLT	2

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# EXHAUST MANIFOLD

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ZBOM53L-1036

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Call Out Number	Part Number	Part Description	Qty
1	Z745095	BOLT	28
2	Z753069	COVER	4
3	Z753116	LINER, EXHAUST PIPE	8
4	Z753413	BOLT, EXHAUST MANIFOLD	8
5	Z732057	NUT, LOCK	16
6	Z753210	STUD	8
7	Z753073	PIPE, EXHAUST	4
8	Z720138	GASKET	4
9	Z732046	GASKET, EXHAUST MANIFOLD	16
10	Z753099	PIPE, EXHAUST	4
11	Z753414	BOLT, EXHAUST MANIFOLD	28
12	Z753100	PIPE, EXHAUST	2
13	Z753208	BOLT, EXHAUST MANIFOLD	40
14	Z753415	STUD	8
15	Z753209	BOLT, EXHAUST MANIFOLD	16

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# EXHAUST MANIFOLD II

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550x200

ZBOM53L-1037

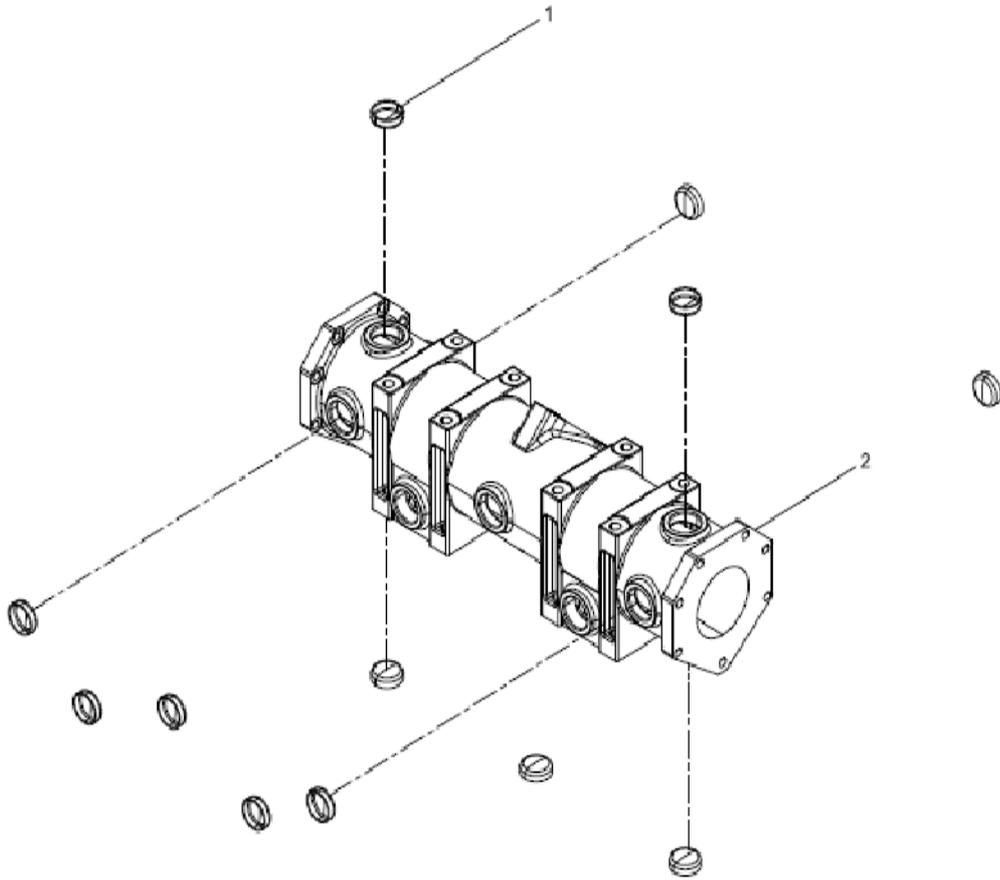
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Call Out Number	Part Number	Part Description	Qty
1	Z739290	NSS - PLUG	12
2	Z753416	MANIFOLD, EXHAUST	1
3	Z753401	PLUG	2

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# EXHAUST MANIFOLD III

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ZBOM53L-1038

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Call Out Number	Part Number	Part Description	Qty
1	Z739290	NSS - PLUG	12
2	Z753417	MANIFOLD, EXHAUST	1

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# TENSIONER

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550x200

ZBOM53L-1039

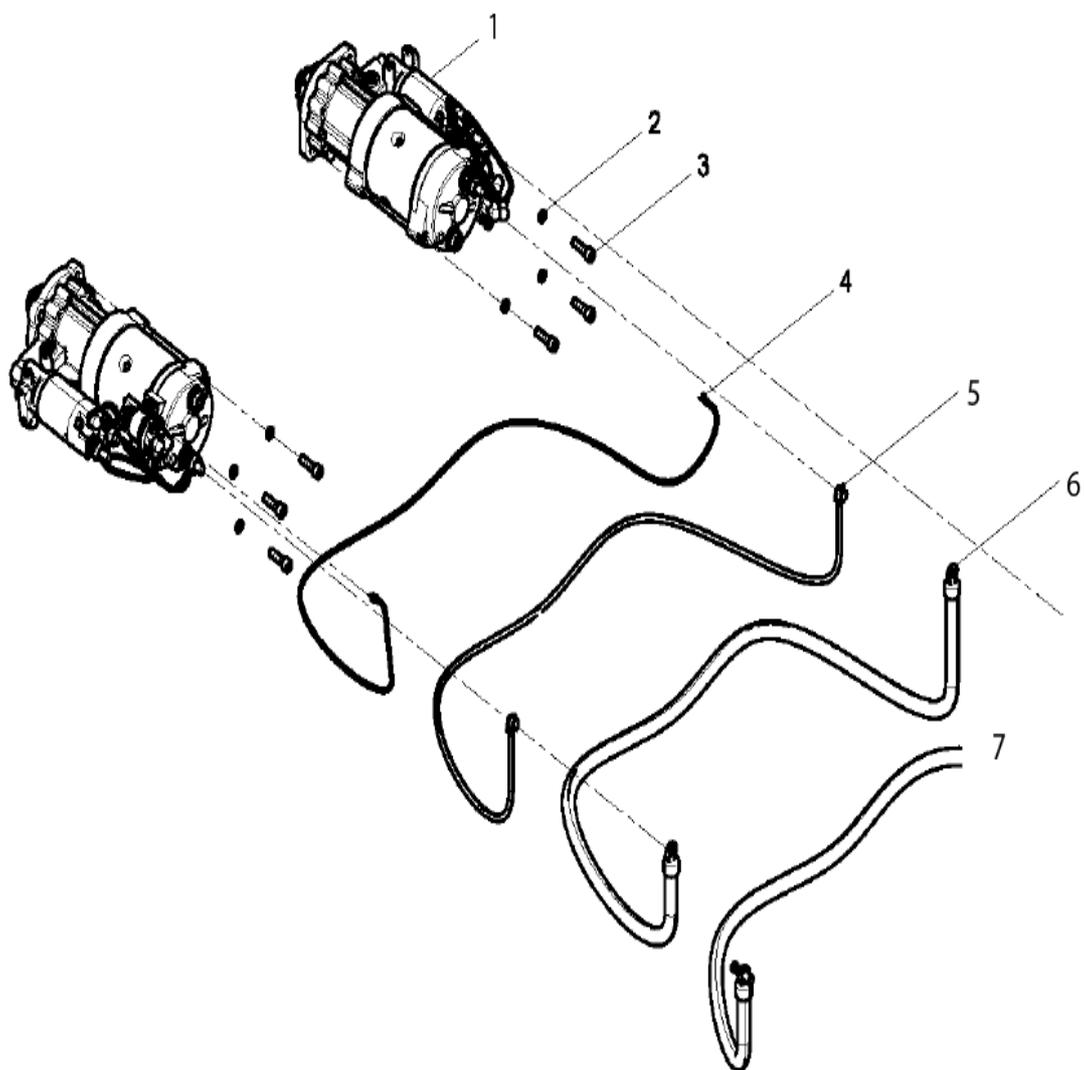
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Call Out Number	Part Number	Part Description	Qty
1	Z753046	BRACKET, TENSIONER	1
2	Z753126	BOLT	2
3	Z732212	NUT	1
4	Z753418	TENSIONER	1
5	Z739153	BOLT	4
6	Z753419	BELT	1
7	Z732102	BOLT	4
8	Z753134	STUD	1

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# STARTER

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ZBOM53L-1040

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Call Out Number	Part Number	Part Description	Qty
1	Z732511	STARTER	2
2	Z739737	WASHER	6
3	Z732510	STUD	6
4	Z739738	TUBE	1
5	Z739739	TUBE	1
6	Z739740	TUBE	1
7	Z739741	TUBE	1

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# ENGINE BRACKET

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550x200

ZBOM53L-1041

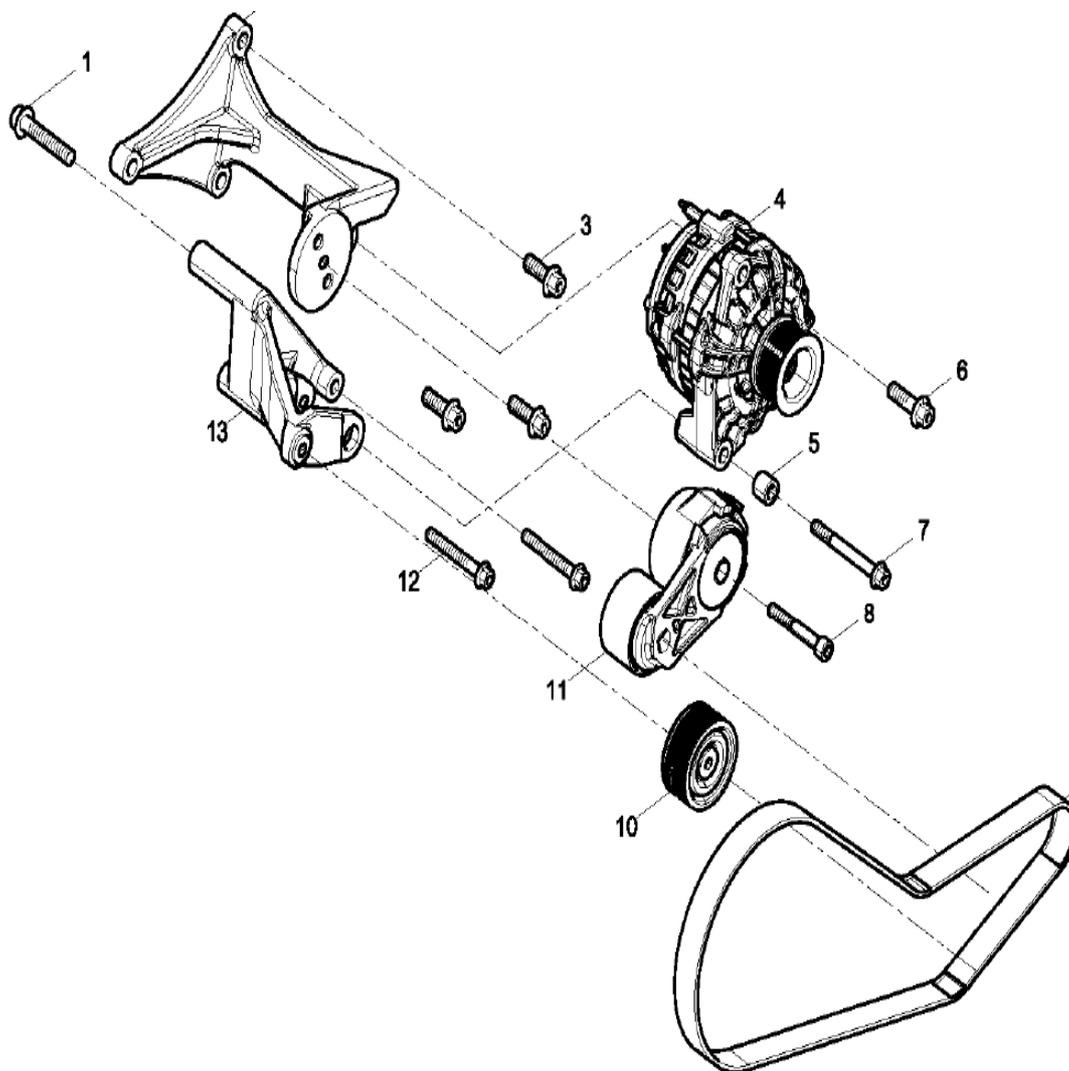
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Call Out Number	Part Number	Part Description	Qty
1	Z753049	BRACKET, ENGINE	2
2	Z739495	SCREW	8
3	Z720118	PIN, DOWEL	4
4	Z753032	BRACKET, ENGINE	2
5	Z753129	BOLT	8
6	Z732262	BOLT	4
7	Z732009	PIN, DOWEL	4

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# ALTERNATOR

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ZBOM53L-1042

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Call Out Number	Part Number	Part Description	Qty
1	Z739236	BOLT	1
2	Z753104	BRACKET, ALTERNATOR	1
3	Z732303	BOLT	3
4	Z739743	ALTERNATOR	1
5	Z739751	SLEEVE	1
6	Z739744	BOLT	1
7	Z732235	BOLT	1
8	Z739749	SCREW	1
9	Z739747	BELT	1
10	Z739750	IDLER	1
11	Z739748	TENSIONER	1
12	Z739746	BRACKET, ALTERNATOR	2
13	Z753107	BRACKET, ALTERNATOR	1