

DETROIT DIESEL 53 MPC ENGINES

5043-8001

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS	1.1000A	83
CYLINDER HEAD	1.2000	25
ENGINE LIFTER BRACKET	1.2000A	175
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER	1.3000A	119
FLYWHEEL	1.4000A	378
FLYWHEEL HOUSING	1.5000A	178
CONNECTING ROD AND PISTON	1.6000	61
CAMSHAFT AND GEAR TRAIN THRU 4D-180938	1.7000	34
CAMSHAFT AND GEAR TRAIN EFF. WITH 4D-180939	1.7000	270
VALVE OPERATING MECHANISM THRU 4D-158185	1.8000	32
VALVE OPERATING MECHANISM EFF. WITH 4D-158186 AND THRU 4D-162840	1.8000	122
VALVE OPERATING MECHANISM EFF. WITH 4D-162841 AND THRU 4D-167110	1.8000	32
VALVE OPERATING MECHANISM EFF. WITH 4D-167111 AND THRU 4D-180938	1.8000	122
VALVE OPERATING MECHANISM EFF. WITH 4D-180939	1.8000	167
ROCKER COVER	1.8000A	41
FUEL INJECTOR	2.1000A	74
FUEL PUMP THRU 4D-172166	2.2000	127
FUEL PUMP EFF. WITH 4D-172167	2.2000	180
FUEL FILTER	2.3000A	177
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	NONE
MECHANICAL GOVERNOR	2.7000A	1710
INJECTOR CONTROLS THRU 4D-157398	2.9000	102
INJECTOR CONTROLS EFF. WITH 4D-157399	2.9000	286
BLOWER THRU 4D-180938	3.4000	116
BLOWER EFF. WITH 4D-180939	3.4000	318
OIL PUMP	4.1000A	52
OIL DISTRIBUTION SYSTEM THRU 4D-163133	4.1000B	196
OIL DISTRIBUTION SYSTEM EFF. WITH 4D-163134	4.1000B	213
OIL PRESSURE REGULATOR	4.1000C	9
OIL FILTER	4.2000A	227
OIL COOLER	4.4000A	226
OIL FILLER	4.5000A	18
DIPSTICK THRU 4D-163133	4.6000A	261
DIPSTICK EFF. WITH 4D-163134	4.6000A	281
OIL PAN THRU 4D-163133	4.7000A	591
OIL PAN EFF. WITH 4D-163134	4.7000A	535
VENTILATING SYSTEM	4.8000A	195
FRESH WATER PUMP	5.1000	145
WATER OUTLET MANIFOLD	5.2000A	102
THERMOSTAT	5.2000B	72
WATER BY-PASS TUBE	5.2000C	313
WATER CONNECTIONS	5.3000B	135
STARTING MOTOR	7.3000A	174
TACHOMETER DRIVE	7.4000C	280
HYDRAULIC MARINE GEAR	9.1000A	926
ENGINE MOUNTING	11.1000A	506

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
YLINDER BLOCK STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.1000	147
YLINDER BLOCK	1.1000	•
IR BOX DRAINS	1.1000A	63
YLINDER HEAD STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000	131
YLINDER HEAD	1.2000	•
NGINE LIFTER BRACKET	1.2000A	•
RANKSHAFT THRU 4D-132707	1.3000	21
RANKSHAFT EFF. WITH 4D-132708	1.3000	68
RANKSHAFT FRONT COVER	1.3000A	•
RANKSHAFT PULLEY	1.3000C	•
RANKSHAFT PULLEY BELT	1.3000D	176
LYWHEEL	1.4000A	•
LYWHEEL HOUSING	1.5000A	•
ONNECTING ROD AND PISTON THRU 4D-141552	1.6000	172
ONNECTING ROD AND PISTON EFF. WITH 4D-141553 AND THRU 4D-181763	1.6000	180
ONNECTING ROD AND PISTON EFF. WITH 4D-181764, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	206
ONNECTING ROD AND PISTON	1.6000	•
AMSHAFT AND GEAR TRAIN THRU 4D-180938	1.7000	153
AMSHAFT AND GEAR TRAIN EFF. WITH 4D-180939, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.7000	427
AMSHAFT AND GEAR TRAIN	1.7000	•
ALANCE WEIGHT COVER	1.7000A	•
ALVE OPERATING MECHANISM THRU 4D-180938	1.8000	62
ALVE OPERATING MECHANISM EFF. WITH 4D-180939, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.8000	180
ALVE OPERATING MECHANISM	1.8000	•
OCKER COVER	1.8000A	•
UEL INJECTOR	2.1000A	•
UEL PUMP THRU 4D-172166	2.2000	127
UEL PUMP EFF. WITH 4D-172167, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.2000	180
UEL PUMP	2.2000	•
UEL FILTER	2.3000A	•
UEL MANIFOLD CONNECTIONS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.4000	48
UEL MANIFOLD CONNECTIONS	2.4000	•
UEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
UJECTOR CONTROLS THRU 4D-132707	2.9000	102
UJECTOR CONTROLS EFF. WITH 4D-132708 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	267
UJECTOR CONTROLS	2.9000	•
HROTTLE CONTROLS	2.9000A	•
IR INLET HOUSING	3.3000A	•
OWER THRU 4D-180938	3.4000	236
OWER EFF. WITH 4D-180939 AND THRU 4D-204948	3.4000	336
OWER EFF. WITH 4D-204949	3.4000	437
OWER DRIVE SHAFT	3.4000A	17
URBOCHARGER	3.5000A	•
IL PUMP THRU 4D-200699	4.1000A	143
IL PUMP EFF. WITH 4D-200700	4.1000A	162
IL DISTRIBUTION SYSTEM	4.1000B	•
IL PRESSURE REGULATOR	4.1000C	•
IL PRESSURE REGULATOR STD. EQUIP. EFF. WITH 4D-200700	4.1000C	9
IL FILTER	4.2000A	•
IL COOLER	4.4000A	•
IL FILLER	4.5000A	•
IPSTICK	4.6000A	•
IL PAN	4.7000A	•
ENTILATING SYSTEM	4.8000A	•
RESH WATER PUMP	5.1000	•
ATER OUTLET ELBOW	5.2000A	•
HERMOSTAT	5.2000B	•
ATER BY-PASS TUBE	5.2000C	•
ATER CONNECTIONS	5.3000B	•
AN	5.4000A	•
XHAUST MANIFOLD	6.1000A	•
XHAUST MUFFLER CONNECTIONS	6.2000A	•
ATTERY CHARGING GENERATOR	7.1000A	•

5043-8301

DETROIT DIESEL 53 MPC ENGINE
STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME

GROUP
NO.

STARTING MOTOR 7.3000A
• STANDARD OPTION REFER TO OPTION PLATE.

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	147
CRANK BOX DRAINS	1.1000A	63
CYLINDER HEAD	1.2000	131
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	68
CRANKSHAFT FRONT COVER	1.3000A	•
CRANKSHAFT PULLEY	1.3000C	•
CRANKSHAFT PULLEY BELT	1.3000D	•
LYWHEEL	1.4000A	•
LYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON	1.6000	180
CRANKSHAFT AND GEAR TRAIN	1.7000	153
VALVE OPERATING MECHANISM	1.8000	62
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	180
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS	2.9000	267
CRANK INLET HOUSING	3.3000A	•
LOWER	3.4000	236
LOWER DRIVE SHAFT	3.4000A	17
TURBOCHARGER	3.5000A	374
OIL PUMP	4.1000A	•
OIL DISTRIBUTION SYSTEM	4.1000A	•
OIL PRESSURE REGULATOR	4.1000C	•
OIL FILTER	4.2000A	•
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
WIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP	5.1000	•
WATER OUTLET ELBOW	5.2000A	•
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
WATER	5.4000A	•
EXHAUST MANIFOLD	6.1000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
AIR COMPRESSOR	12.4000A	•

STANDARD OPTION REFER TO OPTION PLATE.

DETROIT DIESEL 53 MPC ENGINES

5043-8399

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	
CYLINDER BLOCK STD. EQUIP. PRIOR TO 6D-210092	1.1000	
AIR BOX DRAINS	1.1000A	
CYLINDER HEAD	1.2000	
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 4D-204432	1.2000A	
CRANKSHAFT	1.3000	
CRANKSHAFT FRONT COVER THRU 4D-200699	1.3000A	
CRANKSHAFT PULLEY	1.3000C	
CRANKSHAFT PULLEY BELT	1.3000D	
FLYWHEEL	1.4000A	
FLYWHEEL HOUSING	1.5000A	
CONNECTING ROD AND PISTON THRU 4D-181763	1.6000	
CONNECTING ROD AND PISTON EFF. WITH 4D-181764 AND STD. EQUIP. PRIOR TO 4D-199015	1.6000	
CONNECTING ROD AND PISTON	1.6000	
CAMSHAFT AND GEAR TRAIN THRU 4D-180938	1.7000	
CAMSHAFT AND GEAR TRAIN EFF. WITH 4D-180939	1.7000	
BALANCE WEIGHT COVER EFF. WITH 4D-200700 AND THRU 4D-205775	1.7000A	
BALANCE WEIGHT COVER EFF. WITH 4D-205775	1.7000A	
VALVE OPERATING MECHANISM THRU 4D-180938	1.8000	
VALVE OPERATING MECHANISM EFF. WITH 4D-180939 STD. EQUIP. PRIOR TO 6D-210092	1.8000	
ROCKER COVER STD. EQUIP. PRIOR TO 4D-204614	1.8000A	
FUEL INJECTOR	2.1000A	
FUEL PUMP	2.2000	
FUEL FILTER	2.3000A	
FUEL MANIFOLD CONNECTIONS	2.4000	
FUEL LINES	2.5000A	1
MECHANICAL GOVERNOR	2.7000A	1
INJECTOR CONTROLS STD. EQUIP. PRIOR TO 4D-204678	2.9000	
AIR INLET HOUSING STD. EQUIP. PRIOR TO 4D-204614	3.3000A	
BLOWER THRU 4D-180938	3.4000	
BLOWER EFF. WITH 4D-180939; STD. EQUIP. PRIOR TO 4D-204614	3.4000	
BLOWER DRIVE SHAFT	3.4000A	
TURBOCHARGER	3.5000A	
OIL PUMP THRU 4D-200699	4.1000A	
OIL PUMP EFF. WITH 4D-200700; STD. EQUIP. PRIOR TO 4D-211672	4.1000A	
OIL DISTRIBUTION SYSTEM	4.1000B	
OIL PRESSURE REGULATOR STD. EQUIP. PRIOR TO 4D-211672	4.1000C	
OIL FILTER	4.2000A	
OIL COOLER	4.4000A	
OIL FILLER CAP STD. EQUIP. PRIOR TO 4D-204589	4.5000A	
DIPSTICK	4.6000A	
OIL PAN	4.7000A	
VENTILATING SYSTEM (ON ROCKER COVER) STD. EQUIP. PRIOR TO 4D-204614	4.8000A	
WATER OUTLET MANIFOLD STD. EQUIP. PRIOR TO 4D-204634	5.2000A	
THERMOSTAT STD. EQUIP. PRIOR TO 4D-204634	5.2000B	
WATER CONNECTIONS STD. EQUIP. PRIOR TO 4D-204582	5.3000B	
FAN	5.4000A	1
EXHAUST MANIFOLD	6.1000A	
BATTERY CHARGING GENERATOR	7.1000A	1
STARTING MOTOR	7.3000A	
AIR COMPRESSOR	12.4000A	1

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS PRIOR TO 4D-11690	1.1000A	32
AIR BOX DRAINS EFFECTIVE WITH 4D-11690	1.1000A	63
CYLINDER HEAD (2 VALVE)	1.2000	24
ENGINE LIFTER BRACKET	1.2000A	42
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER	1.3000A	48
CRANKSHAFT PULLEY	1.3000C	111
CRANKSHAFT PULLEY BELT (1:1 FAN, 12" HIGH WITH AIR COMPRESSOR)	1.3000D	116
CRANKSHAFT PULLEY BELT (1:1 FAN, 12" HIGH WITHOUT AIR COMPRESSOR OR VACUUM PUMP)	1.3000D	176
FLYWHEEL (TWIN DISC CLUTCH C110)	1.4000A	372
FLYWHEEL (TWIN DISC C110/ROCKFORD CLA-21025)	1.4000A	305
FLYWHEEL HOUSING	1.5000A	205
FLYWHEEL HOUSING	1.5000A	209
CONNECTING ROD AND PISTON	1.6000	27
CAMSHAFT AND GEAR TRAIN	1.7000	34
VALVE OPERATING MECHANISM	1.8000	31
ROCKER COVER	1.8000A	40
ROCKER COVER (WITH OIL FILLER)	1.8000A	41
FUEL INJECTOR	2.1000A	52
FUEL PUMP	2.2000	34
FUEL PUMP, AUXILIARY	2.2000	58
FUEL FILTER	2.3000A	157
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	502
MECHANICAL GOVERNOR (VARIABLE SPEED, CLOSED LINKAGE)	2.7000A	602
MECHANICAL GOVERNOR (VARIABLE SPEED, OPEN LINKAGE WITH BOOSTER SPRING)	2.7000A	595
INJECTOR CONTROL TUBE	2.9000	90
THROTTLE CONTROLS (OPEN LINKAGE GOVERNOR, WITHOUT HOODS)	2.9000A	511
THROTTLE CONTROLS (VARIABLE SPEED, CLOSED LINKAGE GOVERNOR, WITH HOODS)	2.9000A	603
AIR INLET HOUSING (MANUAL SHUTDOWN)	3.3000A	142
AIR INLET HOUSING (MECHANICAL SHUTDOWN, RESET LEVER)	3.3000A	178
BLOWER	3.4000	62
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	52
OIL DISTRIBUTION SYSTEM	4.1000B	196
OIL PRESSURE REGULATOR	4.1000C	9
OIL FILTER	4.2000A	108
OIL COOLER	4.4000A	239
OIL FILLER (IN ROCKER COVER)	4.5000A	18
OIL FILLER (ON BREATHER)	4.5000A	54
DIPSTICK PRIOR TO 4D-6760	4.6000A	168
DIPSTICK EFFECTIVE WITH 4D-6760	4.6000A	261
OIL PAN (STAMPED, SUMP TO REAR)	4.7000A	245
OIL PAN (STAMPED, BOTTOM OIL DRAIN)	4.7000A	157
OIL PAN (STAMPED, SIDE OIL DRAIN)	4.7000A	145
VENTILATING SYSTEM	4.8000A	233
VENTILATING SYSTEM (WITH OIL FILLER)	4.8000A	235
FRESH WATER PUMP	5.1000	39
WATER OUTLET ELBOW	5.2000A	67
THERMOSTAT	5.2000B	72
WATER BY-PASS TUBE	5.2000C	130
RADIATOR (NORMAL TEMPERATURE)	5.3000A	80
WATER CONNECTIONS	5.3000B	157
FAN (SUCTION, 1:1 RATIO)	5.4000A	290
EXHAUST MANIFOLD (WITH MECHANICAL SHUTDOWN)	6.1000A	224
EXHAUST MANIFOLD (WITH MANUAL OR ELECTRICAL SHUTDOWN)	6.1000A	218
EXHAUST MUFFLER CONNECTIONS	6.2000A	243
BATTERY CHARGING GENERATOR (12V., 25 AMP.)	7.1000A	697
BATTERY CHARGING GENERATOR (24V., 40 AMP.)	7.1000A	993
STARTING MOTOR (12V.)	7.3000A	188
STARTING MOTOR (24V.)	7.3000A	212
INSTRUMENT PANEL (ON SIDE OPPOSITE BLOWER) (WITH MANUAL SHUTDOWN)	7.4000A	246
INSTRUMENT PANEL (ON SIDE OPPOSITE BLOWER) (WITH AUTOMATIC SHUTDOWN)	7.4000A	408
INSTRUMENT PANEL (TACHOMETER ONLY)	7.4000A	416
INSTRUMENT PANEL (MOUNTED ON BLOWER SIDE)	7.4000A	429
TACHOMETER DRIVE (BALANCER SHAFT MOUNTED)	7.4000B	228

DETROIT DIESEL 53 MPC ENGINE
STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.
AUTOMATIC SHUTDOWN (WITHOUT OVERSPEED GOVERNOR)	7.4000C
AUTOMATIC SHUTDOWN (WITH OVERSPEED GOVERNOR)	7.4000C
WIRING HARNESS (INSTRUMENTS ON SIDE OPPOSITE BLOWER)	7.7000A
ENGINE HOOD (COMPLETE)	10.1000A
ENGINE MOUNTING (PEDESTAL MOUNTS FOR SAE 2 HOUSING)	11.1000A
ENGINE MOUNTING (PEDESTAL MOUNTS FOR SAE 4 HOUSING)	11.1000A
AIR COMPRESSOR	12.4000A
COLD WEATHER STARTING AID	12.6000C
COLD WEATHER STARTING AID	12.6000C

DETROIT DIESEL 53 MPC ENGINES

5044-7101

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS THRU 4D-11689	1.1000A	32
AIR BOX DRAINS EFF. WITH 4D-11690	1.1000A	63
CYLINDER HEAD	1.2000	24
ENGINE LIFTER BRACKET	1.2000A	41
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER	1.3000A	48
CRANKSHAFT PULLEY STD. EQUIP. PRIOR TO 4D-2725	1.3000C	111
CRANKSHAFT PULLEY BELT	1.3000D	176
LYWHEEL	1.4000A	305
LYWHEEL HOUSING	1.5000A	333
CONNECTING ROD AND PISTON	1.6000	27
CAMSHAFT AND GEAR TRAIN	1.7000	85
VALVE OPERATING MECHANISM	1.8000	31
ROCKER COVER	1.8000A	41
FUEL INJECTOR THRU 4D-1608	2.1000A	40
FUEL INJECTOR EFF. WITH 4D-1609. STD. EQUIP. PRIOR TO 4D-3359	2.1000A	52
FUEL PUMP THRU 4D-78175	2.2000	33
FUEL PUMP EFF. WITH 4D-78176	2.2000	127
FUEL FILTER	2.3000A	157
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES THRU 4D-1488	2.5000A	361
FUEL LINES EFF. WITH 4D-1489	2.5000A	500
MECHANICAL GOVERNOR	2.7000A	596
INJECTOR CONTROLS	2.9000	120
THROTTLE CONTROLS	2.9000A	512
AIR CLEANER	3.1000A	149
AIR INLET HOUSING	3.3000A	141
LOWER THRU 4D-36456	3.4000	63
LOWER EFF. WITH 4D-36457	3.4000	116
LOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	52
OIL DISTRIBUTION SYSTEM	4.1000B	196
OIL PRESSURE REGULATOR	4.1000C	9
OIL FILTER THRU 4D-21283	4.2000A	108
OIL FILTER EFF. WITH 4D-21284	4.2000A	227
OIL COOLER	4.4000A	226
OIL FILLER	4.5000A	18
DIPSTICK	4.6000A	261
OIL PAN	4.7000A	591
VENTILATING SYSTEM	4.8000A	234
FRESH WATER PUMP THRU 4D-66634	5.1000	38
FRESH WATER PUMP EFF. WITH 4D-66635	5.1000	145
WATER OUTLET ELBOW	5.2000A	67
THERMOSTAT	5.2000B	72
WATER BY-PASS TUBE THRU 4D-66634	5.2000C	130
WATER BY-PASS TUBE EFF. WITH 4D-66635	5.2000C	318
RADIATOR	5.3000A	108
WATER CONNECTIONS	5.3000B	135
PAN	5.4000A	290
EXHAUST MANIFOLD	6.1000A	218
EXHAUST MUFFLER CONNECTIONS	6.2000A	243
BATTERY CHARGING GENERATOR 12V., 42 AMP., DC, CCW ROTATION	7.1000A	1777
STARTING MOTOR	7.3000A	174
INSTRUMENTS	7.4000A	405
WIRING HARNESS	7.7000A	280
POWER TAKE-OFF	8.1000A	180
ENGINE MOUNTS	11.1000A	359

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS THRU 4D-11689	1.1000A	32
AIR BOX DRAINS EFF. WITH 4D-11690	1.1000A	63
CYLINDER HEAD	1.2000	25
ENGINE LIFTER BRACKET	1.2000A	41
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER	1.3000A	48
CRANKSHAFT PULLEY	1.3000C	111
CRANKSHAFT PULLEY BELT	1.3000D	176
FLYWHEEL	1.4000A	305
FLYWHEEL HOUSING	1.5000A	333
CONNECTING ROD AND PISTON	1.6000	27
CAMSHAFT AND GEAR TRAIN	1.7000	34
VALVE OPERATING MECHANISM	1.8000	32
ROCKER COVER	1.8000A	41
FUEL INJECTOR THRU 4D-1608	2.1000A	40
FUEL INJECTOR EFF. WITH 4D-1609	2.1000A	52
FUEL PUMP	2.2000	33
FUEL FILTER STD. EQUIP. PRIOR TO 4D-73198	2.3000A	157
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES THRU 4D-1488	2.5000A	361
FUEL LINES EFF. WITH 4D-1489	2.5000A	500
MECHANICAL GOVERNOR	2.7000A	596
INJECTOR CONTROLS	2.9000	120
THROTTLE CONTROLS	2.9000A	512
AIR CLEANER	3.1000A	149
AIR INLET HOUSING	3.3000A	141
BLOWER THRU 4D-36456	3.4000	63
BLOWER EFF. WITH 4D-36457	3.4000	116
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	52
OIL DISTRIBUTION SYSTEM	4.1000B	196
OIL PRESSURE REGULATOR	4.1000C	9
OIL FILTER THRU 4D-21283	4.2000A	108
OIL FILTER EFF. WITH 4D-21284	4.2000A	227
OIL COOLER STD. EQUIP. PRIOR TO 4D-73198	4.4000A	226
OIL FILLER	4.5000A	18
DIPSTICK	4.6000A	261
OIL PAN	4.7000A	145
VENTILATING SYSTEM	4.8000A	234
FRESH WATER PUMP	5.1000	38
WATER OUTLET MANIFOLD	5.2000A	67
THERMOSTAT	5.2000B	72
WATER BY-PASS TUBE	5.2000C	130
RADIATOR	5.3000A	108
WATER CONNECTIONS	5.3000B	135
FAN	5.4000A	290
EXHAUST MANIFOLD	6.1000A	218
EXHAUST MUFFLER CONNECTIONS	6.2000A	243
BATTERY CHARGING GENERATOR	7.1000A	1777
STARTING MOTOR	7.3000A	174
INSTRUMENTS	7.4000A	405
WIRING HARNESS	7.7000A	280
POWER TAKE-OFF	8.1000A	180
ENGINE MOUNTS	11.1000A	359

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS THRU 4D-11689	1.1000A	32
AIR BOX DRAINS EFF. WITH 4D-11690	1.1000A	63
CYLINDER HEAD	1.2000	25
ENGINE LIFTER BRACKET	1.2000A	41
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER	1.3000A	48
CRANKSHAFT PULLEY	1.3000C	111
CRANKSHAFT PULLEY BELT	1.3000D	176
FLYWHEEL	1.4000A	336
FLYWHEEL HOUSING	1.5000A	349
CONNECTING ROD AND PISTON	1.6000	27
CAMSHAFT AND GEAR TRAIN	1.7000	34
VALVE OPERATING MECHANISM	1.8000	32
ROCKER COVER	1.8000A	41
FUEL INJECTOR STD. EQUIP. PRIOR TO 4D-3229	2.1000A	52
FUEL PUMP	2.2000	33
FUEL FILTER	2.3000A	181
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	503
MECHANICAL GOVERNOR	2.7000A	596
INJECTOR CONTROLS	2.9000	120
THROTTLE CONTROLS	2.9000A	512
AIR CLEANER	3.1000A	149
AIR INLET HOUSING	3.3000A	141
LOWER THRU 4D-36456	3.4000	63
LOWER EFF. WITH 4D-36457	3.4000	116
LOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	52
OIL DISTRIBUTION SYSTEM	4.1000B	196
OIL PRESSURE REGULATOR	4.1000C	9
OIL FILTER THRU 4D-21283	4.2000A	108
OIL FILTER EFF. WITH 4D-21284	4.2000A	227
OIL COOLER	4.4000A	268
OIL FILLER	4.5000A	18
WIPSTICK THRU 4D-1481	4.6000A	107
WIPSTICK EFF. WITH 4D-1482 AND THRU 4D-6748	4.6000A	168
WIPSTICK EFF. WITH 4D-6749	4.6000A	261
OIL PAN	4.7000A	145
VENTILATING SYSTEM	4.8000A	234
FRESH WATER PUMP	5.1000	38
WATER OUTLET ELBOW	5.2000A	67
THERMOSTAT	5.2000B	72
WATER BY-PASS TUBE	5.2000C	130
RADIATOR	5.3000A	110
WATER CONNECTIONS	5.3000B	135
MANIFOLD	5.4000A	290
EXHAUST MANIFOLD	6.1000A	218
EXHAUST MUFFLER CONNECTIONS	6.2000A	243
BATTERY CHARGING GENERATOR	7.1000A	825
STARTING MOTOR	7.3000A	174
INSTRUMENTS	7.4000A	405
WIRING HARNESS	7.7000A	280
TORQUE CONVERTER	8.3000A	394
TORQUE CONVERTER LINES	8.3000B	123

DETROIT DIESEL 53 MPC ENGINES

5044-8000

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS	1.1000A	63
CYLINDER HEAD	1.2000	25
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000A	53
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.3000A	119
CRANKSHAFT FRONT COVER	1.3000A	•
CRANKSHAFT PULLEY	1.3000C	111
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	61
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN THRU 4D-180938	1.7000	153
CAMSHAFT AND GEAR TRAIN EFF. WITH 4D-180939	1.7000	270
BALANCE WEIGHT COVER	1.7000A	•
VALVE OPERATING MECHANISM THRU 4D-158185	1.8000	32
VALVE OPERATING MECHANISM EFF. WITH 4D-158186 AND THRU 4D-162840	1.8000	122
VALVE OPERATING MECHANISM EFF. WITH 4D-162841 AND THRU 4D-167110	1.8000	32
VALVE OPERATING MECHANISM EFF. WITH 4D-167111 AND THRU 4D-180938	1.8000	122
VALVE OPERATING MECHANISM EFF. WITH 4D-180939	1.8000	167
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP EFF. THRU 4D-172166	2.2000	127
FUEL PUMP EFF. WITH 4D-172167	2.2000	180
FUEL FILTER THRU 4D-175672	2.3000A	157
FUEL FILTER EFF. WITH 4D-175673 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.3000A	720
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.5000A	456
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	286
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
AIR CLEANER	3.1000A	•
AIR INLET HOUSING	3.3000A	•
BLOWER THRU 4D-180938	3.4000	116
BLOWER EFF. WITH 4D-180939 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000	318
BLOWER	3.4000	•
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP THRU 4D-200699	4.1000A	52
OIL PUMP EFF. WITH 4D-200700	4.1000A	170
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	4.1000B	196
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR THRU 4D-200699	4.1000C	9
OIL PRESSURE REGULATOR EFF. WITH 4D-200700	4.1000C	29
OIL FILTER	4.2000A	•
OIL COOLER STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	4.4000A	239
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	4.6000A	261
DIPSTICK	4.6000A	•
OIL PAN STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	4.7000A	591
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP	5.1000	•
THERMOSTAT STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	5.2000B	72
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
HEAT EXCHANGER	5.5000A	•
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	6.1000A	397
EXHAUST MANIFOLD	6.1000A	•
EXHAUST MUFFLER CONNECTIONS	6.2000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•

DETROIT DIESEL 53 MPC ENGINES

5044-8000

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
INSTRUMENTS	7.4000A	•
POWER TAKE-OFF	8.1000A	•
ENGINE MOUNTS	11.1000A	•

STANDARD OPTION REFER TO OPTION PLATE.

DETROIT DIESEL 53 MPC ENGINES

5044-8100

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	30
AIR BOX DRAINS THRU 4D-11689	1.1000A	32
AIR BOX DRAINS EFF. WITH 4D-11690	1.1000A	63
CYLINDER HEAD	1.2000	24
ENGINE LIFTER BRACKET	1.2000A	40
CRANKSHAFT	1.3000	21
CRANKSHAFT FRONT COVER THRU 4D-106480	1.3000A	48
CRANKSHAFT FRONT COVER EFF. WITH 4D-106481	1.3000A	119
CRANKSHAFT PULLEY STD. EQUIP. PRIOR TO 4D-3710	1.3000C	111
FLYWHEEL	1.4000A	305
FLYWHEEL HOUSING	1.5000A	330
CONNECTING ROD AND PISTON THRU 4D-14985	1.6000	27
CONNECTING ROD AND PISTON EFF. WITH 4D-14986	1.6000	61
CAMSHAFT AND GEAR TRAIN THRU 4D-180938	1.7000	34
CAMSHAFT AND GEAR TRAIN EFF. WITH 4D-180939	1.7000	270
VALVE OPERATING MECHANISM THRU 4D-158185	1.8000	31
VALVE OPERATING MECHANISM EFF. WITH 4D-158186 AND THRU 4D-162840	1.8000	186
VALVE OPERATING MECHANISM EFF. WITH 4D-162841 AND THRU 4D-167110	1.8000	31
VALVE OPERATING MECHANISM EFF. WITH 4D-167111 AND THRU 4D-180938	1.8000	186
VALVE OPERATING MECHANISM EFF. WITH 4D-180939	1.8000	171
ROCKER COVER	1.8000A	41
FUEL INJECTOR	2.1000A	76
FUEL PUMP THRU 4D-78175	2.2000	33
FUEL PUMP EFF. WITH 4D-78176 AND THRU 4D-172166	2.2000	127
FUEL PUMP EFF. WITH 4D-172167	2.2000	180
FUEL FILTER	2.3000A	157
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	456
MECHANICAL GOVERNOR	2.7000A	596
INJECTOR CONTROLS THRU 4D-157398	2.9000	102
INJECTOR CONTROLS EFF. WITH 4D-157399	2.9000	286
THROTTLE CONTROLS	2.9000A	504
AIR CLEANER	3.1000A	238
AIR INLET HOUSING	3.3000A	599
BLOWER THRU 4D-36456	3.4000	63
BLOWER EFF. WITH 4D-36457 AND THRU 4D-180938	3.4000	116
BLOWER EFF. WITH 4D-180939	3.4000	318
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	52
OIL DISTRIBUTION SYSTEM THRU 4D-1002	4.1000B	166
OIL DISTRIBUTION SYSTEM EFF. WITH 4D-1003	4.1000B	196
OIL PRESSURE REGULATOR	4.1000C	9
OIL FILTER	4.2000A	227
OIL COOLER	4.4000A	239
OIL FILLER	4.5000A	18
DIPSTICK THRU 4D-1481	4.6000A	107
DIPSTICK EFF. WITH 4D-1482 AND THRU 4D-7223	4.6000A	168
DIPSTICK EFF. WITH 4D-7224	4.6000A	261
OIL PAN THRU 4D-1002	4.7000A	106
OIL PAN EFF. WITH 4D-1003	4.7000A	145
VENTILATING SYSTEM	4.8000A	195
FRESH WATER PUMP	5.1000	158
THERMOSTAT	5.2000B	72
WATER BY-PASS TUBE	5.2000C	319
WATER CONNECTIONS	5.3000B	208
HEAT EXCHANGER	5.5000A	303
EXHAUST MANIFOLD THRU 4D-62198	6.1000A	126
EXHAUST MANIFOLD EFF. WITH 4D-62199	6.1000A	397
EXHAUST MUFFLER CONNECTIONS	6.2000A	176
BATTERY CHARGING GENERATOR 12V., 42 AMP., DC, CW ROTATION	7.1000A	2059
STARTING MOTOR	7.3000A	302
INSTRUMENTS	7.4000A	510
WIRING HARNESS	7.7000A	303
POWER TAKE-OFF	8.1000A	180
ENGINE MOUNTS	11.1000A	353

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	145
CRANK BOX DRAINS	1.1000A	63
CYLINDER HEAD	1.2000	25
CRANK LIFTER BRACKET	1.2000A	204
CRANKSHAFT	1.3000	70
CRANKSHAFT FRONT COVER	1.3000A	48
CRANKSHAFT PULLEY	1.3000C	365
CRANKWHEEL	1.4000A	•
CRANKWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON	1.6000	98
CRANKSHAFT AND GEAR TRAIN	1.7000	182
VALVE OPERATING MECHANISM	1.8000	122
ROCKER COVER	1.8000A	404
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	136
FUEL FILTER	2.3000A	181
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1467
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS	2.9000	270
CRANK INLET HOUSING	3.3000A	578
LOWER	3.4000	306
LOWER DRIVE SHAFT	3.4000A	17
L OIL PUMP	4.1000A	52
L DISTRIBUTION SYSTEM	4.1000B	346
L PRESSURE REGULATOR	4.1000C	9
L FILTER	4.2000A	336
L COOLER	4.4000A	•
L FILLER	4.5000A	118
L PISTON	4.6000A	856
L PAN	4.7000A	655
FRESH WATER PUMP	5.1000	145
WATER OUTLET ELBOW	5.2000A	70
THERMOSTAT	5.2000B	274
WATER BY-PASS TUBE	5.2000C	403
WATER CONNECTIONS	5.3000B	351
EXHAUST MANIFOLD	6.1000A	•
EXHAUST MUFFLER CONNECTIONS	6.2000A	•
MOUNTING HOUSING	8.1000A	•

STANDARD OPTION REFER TO OPTION PLATE.

DETROIT DIESEL 53 MPC ENGINES

5060-5000

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYP
CYLINDER BLOCK	1.1000	3
AIR BOX DRAINS	1.1000A	6
CYLINDER HEAD	1.2000	21
ENGINE LIFTER BRACKET	1.2000A	4
CRANKSHAFT	1.3000	2
CRANKSHAFT FRONT COVER	1.3000A	6
FLYWHEEL HOUSING	1.5000A	21
CONNECTING ROD AND PISTON	1.6000	6
CAMSHAFT AND GEAR TRAIN	1.7000	3
VALVE OPERATING MECHANISM	1.8000	3
ROCKER COVER	1.8000A	6
FUEL INJECTOR	2.1000A	7
FUEL PUMP	2.2000	5
FUEL MANIFOLD CONNECTIONS	2.4000	4
FUEL LINES	2.5000A	86
MECHANICAL GOVERNOR	2.7000A	51
INJECTOR CONTROLS	2.9000	11
BLOWER	3.4000	7
BLOWER DRIVE SHAFT	3.4000A	1
OIL PUMP	4.1000A	5
OIL DISTRIBUTION SYSTEM	4.1000B	23
OIL PRESSURE REGULATOR	4.1000C	1
OIL COOLER	4.4000A	29
OIL FILLER	4.5000A	1
DIPSTICK	4.6000A	25
OIL PAN	4.7000A	27
VENTILATING SYSTEM	4.8000A	24
FRESH WATER PUMP	5.1000	7
WATER OUTLET ELBOW	5.2000A	8
THERMOSTAT	5.2000B	8
WATER BY-PASS TUBE	5.2000C	16
WATER CONNECTIONS	5.3000B	15

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	146
CR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET THRU 6D-14545	1.2000A	48
ENGINE LIFTER BRACKET EFF. WITH 6D-14546 AND THRU 6D-20390	1.2000A	114
ENGINE LIFTER BRACKET EFF. WITH 6D-20391, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000A	48
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT THRU 6D-11073	1.3000	22
CRANKSHAFT EFF. WITH 6D-11074	1.3000	44
CRANKSHAFT FRONT COVER THRU 6D-218704	1.3000A	66
CRANKSHAFT PULLEY	1.3000C	•
LYWHEEL	1.4000A	•
LYWHEEL HOUSING	1.5000A	•
LYWHEEL HOUSING ADAPTOR	1.5000B	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	68
CONNECTING ROD AND PISTON	1.6000	•
CRANKSHAFT AND GEAR TRAIN	1.7000	35
VALANCE WEIGHT COVER EFF. WITH 6D-218705	1.7000A	54
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	164
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP THRU 6D-8894	2.2000	42
FUEL PUMP EFF. WITH 6D-8895 AND THRU 6D-78448	2.2000	80
FUEL PUMP EFF. WITH 6D-78449 AND THRU 6D-188153 AND THRU 6D-188810	2.2000	144
FUEL PUMP EFF. WITH 6D-188811 AND THRU 6D-196534	2.2000	183
FUEL PUMP EFF. WITH 6D-196535, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.2000	192
FUEL PUMP	2.2000	•
FUEL FILTER THRU 6D-8894	2.3000A	190
FUEL FILTER EFF. WITH 6D-8895	2.3000A	328
FUEL PUMP EFF. WITH 6D-188154	2.2000	182
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES THRU 6D-8894	2.5000A	462
FUEL LINES EFF. WITH 6D-8895 AND THRU 6D-27019	2.5000A	917
FUEL LINES EFF. WITH 6D-27020	2.5000A	1014
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS THRU 6D-171833	2.9000	122
INJECTOR CONTROLS EFF. WITH 6D-171834 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	273
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
CR SILENCER	3.2000A	•
CR INLET HOUSING	3.3000A	•
LOWER THRU 6D-24898	3.4000	98
LOWER EFF. WITH 6D-24899 AND THRU 6D-158288	3.4000	129
LOWER EFF. WITH 6D-158289 AND THRU 6D-196534	3.4000	304
LOWER EFF. WITH 6D-196535, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000	326
LOWER	3.4000	•
LOWER DRIVE SHAFT	3.4000A	17
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	174
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER	4.2000A	•
OIL FILTER LINES	4.3000A	•
OIL COOLER (ENGINE)	4.4000A	•
OIL COOLER (MARINE GEAR)	4.4000A	•
OIL FILLER	4.5000A	•
WIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP THRU 6D-66882	5.1000	71
FRESH WATER PUMP EFF. WITH 6D-66883	5.1000	159
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
HEAT EXCHANGER	5.5000A	•

5062-3000

DETROIT DIESEL 53 MPC ENGINES
STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
RAW WATER PUMP	5.6000A	•
EXHAUST MANIFOLD THRU 6D-67449	6.1000A	125
EXHAUST MANIFOLD EFF. WITH 6D-67450 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE ..	6.1000A	404
EXHAUST MANIFOLD	6.1000A	•
EXHAUST MUFFLER CONNECTIONS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	6.2000A	187
EXHAUST MUFFLER CONNECTIONS	6.2000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
HYDRAULIC MARINE GEAR	9.1000A	•
ENGINE MOUNTS	11.1000A	•
• STANDARD OPTION REFER TO OPTION PLATE.		

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	31
AIR BOX DRAINS THRU 6D-4948	1.1000A	48
AIR BOX DRAINS EFF. WITH 6D-4949	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET THRU 6D-14595	1.2000A	48
ENGINE LIFTER BRACKET EFF. WITH 6D-14596 AND THRU 6D-20152	1.2000A	114
ENGINE LIFTER BRACKET EFF. WITH 6D-20153	1.2000A	47
CRANKSHAFT THRU 6D-11073	1.3000	22
CRANKSHAFT EFF. WITH 6D-11074	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	66
CRANKSHAFT PULLEY	1.3000C	171
FLYWHEEL	1.4000A	350
FLYWHEEL HOUSING	1.5000A	369
FLYWHEEL HOUSING ADAPTOR	1.5000B	28
CONNECTING ROD AND PISTON THRU 6D-4479	1.6000	35
CONNECTING ROD AND PISTON EFF. WITH 6D-4480	1.6000	60
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER	1.8000A	65
FUEL INJECTOR	2.1000A	52
FUEL PUMP THRU 6D-8894	2.2000	42
FUEL PUMP EFF. WITH 6D-8895 AND THRU 6D-78448	2.2000	80
FUEL PUMP EFF. WITH 6D-78449	2.2000	144
FUEL FILTER THRU 6D-8894	2.3000A	190
FUEL FILTER EFF. WITH 6D-8895	2.3000A	328
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES THRU 6D-8994	2.5000A	462
FUEL LINES EFF. WITH 6D-8995 AND THRU 6D-27019	2.5000A	917
FUEL LINES EFF. WITH 6D-27020	2.5000A	1014
MECHANICAL GOVERNOR	2.7000A	805
INJECTOR CONTROLS	2.9000	110
THROTTLE CONTROLS	2.9000A	695
AIR SILENCER	3.2000A	29
AIR INLET HOUSING	3.3000A	233
LOWER STD. EQUIP. PRIOR TO 6D-24898	3.4000	73
LOWER	3.4000	129
LOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	303
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER	4.2000A	229
OIL FILTER LINES	4.3000A	133
OIL COOLER	4.4000A	481
OIL FILLER	4.5000A	18
PIPSTICK	4.6000A	259
OIL PAN	4.7000A	231
VENTILATING SYSTEM	4.8000A	264
FRESH WATER PUMP THRU 6D-072	5.1000	57
FRESH WATER PUMP EFF. WITH 6D-073 AND THRU 6D-760	5.1000	67
FRESH WATER PUMP EFF. WITH 6D-761 AND THRU 6D-66882	5.1000	71
FRESH WATER PUMP EFF. WITH 6D-66883	5.1000	159
THERMOSTAT	5.2000B	88
WATER BY-PASS TUBE	5.2000C	222
WATER CONNECTIONS	5.3000B	245
HEAT EXCHANGER	5.5000A	380
RAW WATER PUMP	5.6000A	40
EXHAUST MANIFOLD	6.1000A	125
EXHAUST MUFFLER CONNECTIONS	6.2000A	187
BATTERY CHARGING GENERATOR 12V., 25 AMP., NEG. RETURN	7.1000A	831
STARTING MOTOR	7.3000A	205
HYDRAULIC MARINE GEAR	9.1000A	593
ENGINE MOUNTS	11.1000A	476

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	146
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET THRU 6D-14545	1.2000A	48
ENGINE LIFTER BRACKET EFF. WITH 6D-14546 AND THRU 6D-20390	1.2000A	114
ENGINE LIFTER BRACKET EFF. WITH 6D-20391, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000A	48
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT THRU 6D-11073	1.3000	22
CRANKSHAFT EFF. WITH 6D-11074	1.3000	44
CRANKSHAFT FRONT COVER THRU 6D-218704	1.3000A	66
CRANKSHAFT PULLEY	1.3000C	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
FLYWHEEL HOUSING ADAPTOR	1.5000B	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	68
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN	1.7000	35
BALANCE WEIGHT COVER EFF. WITH 6D-218705	1.7000A	54
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	164
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP THRU 6D-8894	2.2000	43
FUEL PUMP EFF. WITH 6D-8895 AND THRU 6D-78156	2.2000	72
FUEL PUMP EFF. WITH 6D-78157 AND THRU 6D-188153	2.2000	131
FUEL PUMP EFF. WITH 6D-188154 AND THRU 6D-196534	2.2000	181
FUEL PUMP EFF. WITH 6D-196535, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.2000	191
FUEL PUMP	2.2000	•
FUEL FILTER THRU 6D-8894	2.3000A	190
FUEL FILTER EFF. WITH 6D-8895 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.3000A	328
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES THRU 6D-8894	2.5000A	462
FUEL LINES EFF. WITH 6D-8895 AND THRU 6D-85953	2.5000A	917
FUEL LINES EFF. WITH 6D-85954 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.5000A	1338
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS THRU 6D-171833	2.9000	122
INJECTOR CONTROLS EFF. WITH 6D-171834 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	273
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
AIR SILENCER	3.2000A	•
AIR INLET HOUSING	3.3000A	•
BLOWER THRU 6D-24898	3.4000	73
BLOWER EFF. WITH 6D-24899 AND THRU 6D-158288	3.4000	127
BLOWER EFF. WITH 6D-158289 AND THRU 6D-196534	3.4000	346
BLOWER EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000	327
BLOWER	3.4000	•
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	163
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER	4.2000A	•
OIL FILTER LINES	4.3000A	•
OIL COOLER (ENGINE)	4.4000A	•
OIL COOLER (MARINE GEAR)	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP THRU 6D-66882	5.1000	71
FRESH WATER PUMP EFF. WITH 6D-66883	5.1000	159
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•

ETROIT DIESEL 53 MPC ENGINES

5062-7000

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
EAT EXCHANGER	5.5000A	•
AW WATER PUMP	5.6000A	•
XHAUST MANIFOLD THRU 6D-67449	6.1000A	125
XHAUST MANIFOLD EFF. WITH 6D-67450 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE ..	6.1000A	404
XHAUST MANIFOLD	6.1000A	•
XHAUST MUFFLER CONNECTIONS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	6.2000A	187
XHAUST MUFFLER CONNECTIONS	6.2000A	•
ATTERY CHARGING GENERATOR	7.1000A	•
TARTING MOTOR	7.3000A	•
YDRAULIC MARINE GEAR	9.1000A	•
NGINE MOUNTS	11.1000A	•
STANDARD OPTION REFER TO OPTION PLATE.		

DETROIT DIESEL 53 MPC ENGINES

5062-7050

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	146
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	48
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	66
CRANKSHAFT PULLEY	1.3000C	171
FLYWHEEL	1.4000A	325
FLYWHEEL HOUSING	1.5000A	208
FLYWHEEL HOUSING ADAPTOR	1.5000B	28
CONNECTING ROD AND PISTON	1.6000	96
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER	1.8000A	65
FUEL INJECTOR	2.1000A	74
FUEL PUMP	2.2000	131
FUEL FILTER	2.3000A	694
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1527
MECHANICAL GOVERNOR	2.7000A	805
INJECTOR CONTROLS	2.9000	273
THROTTLE CONTROLS	2.9000A	695
AIR INLET HOUSING	3.3000A	601
BLOWER	3.4000	129
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	323
OIL PRESSURE REGULATOR	4.1000C	14
OIL FILTER	4.2000A	356
OIL COOLER	4.4000A	850
OIL COOLER (MARINE GEAR)	4.4000A	675
OIL FILLER	4.5000A	55
DIPSTICK	4.6000A	581
OIL PAN	4.7000A	231
VENTILATING SYSTEM	4.8000A	264
FRESH WATER PUMP	5.1000	159
THERMOSTAT	5.2000B	88
WATER BY-PASS TUBE	5.2000C	401
WATER CONNECTIONS	5.3000B	245
HEAT EXCHANGER	5.5000A	380
RAW WATER PUMP	5.6000A	54
EXHAUST MANIFOLD	6.1000A	404
EXHAUST MUFFLER CONNECTIONS	6.2000A	187
BATTERY CHARGING GENERATOR	7.1000A	2019
STARTING MOTOR	7.3000A	204
HYDRAULIC MARINE GEAR	9.1000A	848
ENGINE MOUNTING	11.1000A	633

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	31
IR BOX DRAINS THRU 6D-4948	1.1000A	48
IR BOX DRAINS EFF. WITH 6D-4949	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET THRU 6D-14545	1.2000A	48
ENGINE LIFTER BRACKET EFF. WITH 6D-14546 AND THRU 6D-20152	1.2000A	114
ENGINE LIFTER BRACKET EFF. WITH 6D-21053	1.2000A	47
RANKSHAFT THRU 6D-11073	1.3000	22
RANKSHAFT EFF. WITH 6D-11074	1.3000	44
RANKSHAFT FRONT COVER	1.3000A	66
RANKSHAFT PULLEY	1.3000C	171
LYWHEEL	1.4000A	350
LYWHEEL HOUSING	1.5000A	368
LYWHEEL HOUSING ADAPTOR	1.5000B	28
CONNECTING ROD AND PISTON THRU 6D-4479	1.6000	35
CONNECTING ROD AND PISTON EFF. WITH 6D-4480	1.6000	60
AMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER	1.8000A	65
FUEL INJECTOR S45	2.1000A	52
FUEL PUMP THRU 6D-8894	2.2000	43
FUEL PUMP EFF. WITH 6D-8895	2.2000	72
FUEL FILTER THRU 6D-8894	2.3000A	190
FUEL FILTER EFF. WITH 6D-8895	2.3000A	328
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES THRU 6D-8894	2.5000A	462
FUEL LINES EFF. WITH 6D-8895	2.5000A	917
MECHANICAL GOVERNOR	2.7000A	805
INJECTOR CONTROLS	2.9000	110
THROTTLE CONTROLS	2.9000A	695
EXHAUST SILENCER	3.2000A	29
EXHAUST INLET HOUSING	3.3000A	233
LOWER THRU 6D-24898	3.4000	73
LOWER EFF. WITH 6D-24899	3.4000	129
LOWER DRIVE SHAFT	3.4000A	17
WATER PUMP	4.1000A	51
WATER DISTRIBUTION SYSTEM	4.1000B	303
WATER PRESSURE REGULATOR	4.1000C	12
WATER FILTER	4.2000A	229
WATER FILTER LINES	4.3000A	133
WATER COOLER	4.4000A	481
WATER FILLER	4.5000A	18
WATER PUMP	4.6000A	259
WATER PAN	4.7000A	231
WATER TREATING SYSTEM	4.8000A	264
WASH WATER PUMP THRU 6D-072	5.1000	57
WASH WATER PUMP EFF. WITH 6D-073 AND THRU 6D-760	5.1000	67
WASH WATER PUMP EFF. WITH 6D-761	5.1000	71
WATER THERMOSTAT	5.2000B	88
WATER BY-PASS TUBE	5.2000C	222
WATER CONNECTIONS	5.3000B	245
WATER EXCHANGER	5.5000A	380
WATER PUMP	5.6000A	40
EXHAUST MANIFOLD	6.1000A	125
EXHAUST MUFFLER CONNECTIONS	6.2000A	187
BATTERY CHARGING GENERATOR	7.1000A	831
STARTING MOTOR	7.3000A	204
HYDRAULIC MARINE GEAR	9.1000A	598
ENGINE MOUNTS	11.1000A	476

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	237
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD THRU 6D-217595	1.2000	26
CYLINDER HEAD EFF. WITH 6D-217596 AND THRU 6D-223461	1.2000	151
CYLINDER HEAD EFF. WITH 6D-223462	1.2000	132
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER THRU 6D-218704	1.3000A	66
CRANKSHAFT PULLEY	1.3000C	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	181
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN	1.7000	299
BALANCE WEIGHT COVER EFF. WITH 6D-218705	1.7000A	54
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	46
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	165
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP THRU 6D-188153	2.2000	128
FUEL PUMP EFF. WITH 6D-188184 AND THRU 6D-196534	2.2000	179
FUEL PUMP EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.2000	190
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	291
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
AIR SILENCER	3.2000A	•
AIR INLET HOUSING	3.3000A	•
BLOWER THRU 6D-196534	3.4000	298
BLOWER EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000	321
BLOWER	3.4000	•
BLOWER DRIVE SHAFT	3.4000A	17
TURBOCHARGER	3.5000A	•
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	163
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR THRU 6D-218704	4.1000C	14
OIL PRESSURE REGULATOR EFF. WITH 6D-218705	4.1000C	12
OIL FILTER	4.2000A	•
OIL FILTER LINES	4.3000A	•
OIL COOLER	4.4000A	•
OIL COOLER-MARINE GEAR	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A	•
FRESH WATER PUMP	5.1000	208
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
HEAT EXCHANGER	5.5000A	•
RAW WATER PUMP	5.6000A	•
EXHAUST MANIFOLD	6.1000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
HYDRAULIC MARINE GEAR	9.1000A	•
ENGINE MOUNTS	11.1000A	•

• STANDARD OPTION REFER TO OPTION PLATE.

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	237
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	132
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	44
CRANKSHAFT PULLEY	1.3000C	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON	1.6000	288
CAMSHAFT AND GEAR TRAIN	1.7000	•
BALANCE WEIGHT COVER	1.7000A	54
VALVE OPERATING MECHANISM	1.8000	181
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
AIR SILENCER	3.2000A	•
AIR INLET HOUSING	3.3000A	•
BLOWER	3.4000	552
BLOWER DRIVE SHAFT	3.4000A	17
TURBOCHARGER	3.5000A	•
OIL PUMP	4.1000A	•
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL FILTER	4.2000A	•
OIL LINES	4.3000A	•
OIL COOLER	4.4000A	•
OIL COOLER MARINE GEAR	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A	•
FRESH WATER PUMP	5.1000	208
THERMOSTAT	5.2000B	•
WATER BYPASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
HEAT EXCHANGER	5.5000A	•
RAW WATER PUMP	5.6000A	•
EXHAUST MANIFOLD	6.1000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
SHUT-OFF OR ALARM SYSTEM	7.4000C	•
MARINE GEAR	9.1000A	•
ENGINE MOUNTING	11.1000A	•

• STANDARD OPTION REFER TO OPTION PLATE.

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.
CYLINDER BLOCK THRU 6D-233419	1.1000
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000
AIR BOX DRAINS	1.1000A
CYLINDER HEAD THRU 6D-223461	1.2000
CYLINDER HEAD EFF. WITH 6D-223462	1.2000
ENGINE LIFTER BRACKET	1.2000A
CRANKSHAFT	1.3000
CRANKSHAFT PULLEY	1.3000C
FLYWHEEL	1.4000A
FLYWHEEL HOUSING	1.5000A
CONNECTING ROD AND PISTON	1.6000
CAMSHAFT AND GEAR TRAIN	1.7000
BALANCE WEIGHT COVER	1.7000A
VALVE OPERATING MECHANISM STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.8000
VALVE OPERATING MECHANISM	1.8000
ROCKER COVER	1.8000A
FUEL INJECTOR	2.1000A
FUEL PUMP	2.2000
FUEL FILTER	2.3000A
FUEL MANIFOLD CONNECTIONS	2.4000
FUEL LINES	2.5000A
MECHANICAL GOVERNOR	2.7000A
INJECTOR CONTROLS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000A
INJECTOR CONTROLS	2.9000
THROTTLE CONTROLS	2.9000A
AIR INLET HOUSING	3.3000A
BLOWER STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000
BLOWER	3.4000
BLOWER DRIVE SHAFT	3.4000A
TURBOCHARGER	3.5000A
OIL PUMP STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	4.1000A
OIL PUMP	4.1000A
OIL DISTRIBUTION SYSTEM	4.1000B
OIL PRESSURE REGULATOR STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	4.1000C
OIL PRESSURE REGULATOR	4.1000C
OIL FILTER	4.2000A
OIL FILTER LINES	4.3000A
OIL COOLER	4.4000A
OIL FILLER	4.5000A
DIPSTICK	4.6000A
OIL PAN	4.7000A
VENTILATING SYSTEM	4.8000A
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A
FRESH WATER PUMP	5.1000
THERMOSTAT	5.2000B
WATER BY-PASS TUBE	5.2000C
WATER CONNECTIONS	5.3000B
RAW WATER PUMP	5.6000A
EXHAUST MANIFOLD	6.1000A
STARTING MOTOR	7.3000A
HYDRAULIC MARINE GEAR	9.1000A
ENGINE MOUNTING	11.1000A

• STANDARD OPTION REFER TO OPTION PLATE.

ETROIT DIESEL 53 MPC ENGINES

5063-5000

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
YLINDER BLOCK STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.1000	31
YLINDER BLOCK	1.1000	•
IR BOX DRAINS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.1000A	62
IR BOX DRAINS	1.1000A	•
YLINDER HEAD STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000	26
YLINDER HEAD	1.2000	•
NGINE LIFTER BRACKET STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000A	44
NGINE LIFTER BRACKET	1.2000A	•
RANKSHAFT STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.3000	44
RANKSHAFT	1.3000	•
RANKSHAFT FRONT COVER	1.3000A	•
RANKSHAFT PULLEY	1.3000C	•
RANKSHAFT PULLEY BELT	1.3000D	•
LYWHEEL	1.4000A	•
LYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	68
CONNECTING ROD AND PISTON	1.6000	•
AMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.8000	164
VALVE OPERATING MECHANISM	1.8000	•
LOCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
NJECTOR CONTROLS THRU 6D-171833	2.9000	122
NJECTOR CONTROLS EFF. WITH 6D-171834 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	273
NJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
IR INLET HOUSING	3.3000A	•
ILOWER THRU 6D-196534	3.4000	127
ILOWER EFF. WITH 6D-196535, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000	325
ILOWER	3.4000	•
ILOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	•
OIL FILTER	4.2000A	•
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
IPSTICK	4.6000A	•
OIL PAN	4.7000A	•
ENTILATING SYSTEM	4.8000A	•
RESH WATER PUMP	5.1000	•
VATER OUTLET ELBOW	5.2000A	•
HERMOSTAT	5.2000B	•
VATER BY-PASS TUBE THRU TO 6D-80610	5.2000C	352
VATER BY-PASS TUBE EFF. WITH 6D-80611	5.2000C	360
VATER BY-PASS TUBE	5.2000C	•
VATER CONNECTIONS	5.3000B	•
AN	5.4000A	•
XHAUST MANIFOLD	6.1000A	•
XHAUST MUFFLER CONNECTIONS	6.2000A	•
ATTERY CHARGING GENERATOR	7.1000A	•
TARTING MOTOR	7.3000A	•
STANDARD OPTION REFER TO OPTION PLATE.		

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.
CYLINDER BLOCK	1.1000
AIR BOX DRAINS	1.1000A
CYLINDER HEAD	1.2000
ENGINE LIFTER BRACKET	1.2000A
CRANKSHAFT	1.3000
CRANKSHAFT FRONT COVER	1.3000A
CRANKSHAFT PULLEY	1.3000C
FLYWHEEL	1.4000A
FLYWHEEL HOUSING	1.5000A
CONNECTING ROD AND PISTON	1.6000
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000
ROCKER COVER	1.8000A
FUEL INJECTOR	2.1000A
FUEL PUMP THRU 6D-188153	2.2000
FUEL PUMP EFF. WITH 6D-188154	2.2000
FUEL FILTER	2.3000A
FUEL MANIFOLD CONNECTIONS	2.4000
FUEL LINES	2.5000A
MECHANICAL GOVERNOR	2.7000A
INJECTOR CONTROLS THRU 6D-171833	2.9000
INJECTOR CONTROLS EFF. WITH 6D-171834	2.9000
BLOWER THRU 6D-196534	3.4000
BLOWER EFF. WITH 6D-196535	3.4000
BLOWER DRIVE SHAFT	3.4000A
OIL PUMP	4.1000A
OIL DISTRIBUTION SYSTEM THRU 6D-177378	4.1000B
OIL DISTRIBUTION SYSTEM EFF. WITH 6D-177379	4.1000B
OIL PRESSURE REGULATOR	4.1000C
OIL FILTER	4.2000A
OIL COOLER	4.4000A
OIL FILLER	4.5000A
OIL FILLER (ON ROCKER COVER)	4.5000A
DIPSTICK THRU 6D-177378	4.6000A
DIPSTICK EFF. WITH 6D-177379	4.6000A
OIL PAN THRU 6D-177378	4.7000A
OIL PAN EFF. WITH 6D-177379	4.7000A
VENTILATING SYSTEM	4.8000A
FRESH WATER PUMP	5.1000
THERMOSTAT	5.2000B
WATER BY-PASS TUBE	5.2000C
WATER CONNECTIONS	5.3000B
EXHAUST MANIFOLD	6.1000A
STARTING MOTOR	7.3000A
TACHOMETER DRIVE	7.4000B
HYDRAULIC MARINE GEAR	9.1000A
ENGINE MOUNTS THRU 6D-177378	11.1000A
ENGINE MOUNTS EFF. WITH 6D-177379	11.1000A

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	146
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000A	44
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	•
CRANKSHAFT PULLEY	1.3000C	•
CRANKSHAFT PULLEY BELT	1.3000D	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	96
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	164
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS	2.9000	•
AIR INLET HOUSING	3.3000A	•
BLOWER THRU 6D-196534	3.4000	127
BLOWER EFF. WITH 6D-196535, STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000A	325
BLOWER	3.4000	•
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	•
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	•
OIL FILTER	4.2000A	•
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP	5.1000	153
WATER OUTLET ELBOW	5.2000A	•
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	5.2000C	360
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
PAN	5.4000A	•
EXHAUST MANIFOLD	6.1000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
AIR COMPRESSOR	12.4000A	•
STANDARD OPTION REFER TO OPTION PLATE.		

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	T
CYLINDER BLOCK	1.1000	
AIR BOX DRAINS	1.1000A	
CYLINDER HEAD	1.2000	
ENGINE LIFTER BRACKET	1.2000A	
CRANKSHAFT THRU 6D-194048	1.3000	
CRANKSHAFT EFF. WITH 6D-19049	1.3000	
CRANKSHAFT FRONT COVER	1.3000A	
CRANKSHAFT PULLEY	1.3000C	2
CRANKSHAFT PULLEY BELT	1.3000D	1
FLYWHEEL	1.4000A	5
FLYWHEEL HOUSING	1.5000A	3
CONNECTING ROD AND PISTON	1.6000	
CAMSHAFT AND GEAR TRAIN	1.7000	
VALVE OPERATING MECHANISM	1.8000	
ROCKER COVER	1.8000A	
FUEL INJECTOR	2.1000A	
FUEL PUMP	2.2000	
FUEL FILTER	2.3000A	3
FUEL MANIFOLD CONNECTIONS	2.4000	
FUEL LINES	2.5000A	7
MECHANICAL GOVERNOR	2.7000A	9
INJECTOR CONTROLS	2.9000	1
AIR CLEANER	3.1000A	2
AIR INLET HOUSING	3.3000A	1
BLOWER THRU 6D-24898	3.4000	
BLOWER EFF. WITH 6D-24899	3.4000	1
BLOWER DRIVE SHAFT	3.4000A	
OIL PUMP	4.1000A	
OIL DISTRIBUTION SYSTEM	4.1000B	3
OIL PRESSURE REGULATOR	4.1000C	
OIL FILTER	4.2000A	2
OIL COOLER	4.4000A	3
OIL FILLER	4.5000A	
DIPSTICK	4.6000A	4
OIL PAN	4.7000A	3
VENTILATING SYSTEM	4.8000A	2
FRESH WATER PUMP	5.1000	1
WATER OUTLET ELBOW	5.2000A	
THERMOSTAT	5.2000B	
WATER BY-PASS TUBE	5.2000C	2
WATER CONNECTIONS	5.3000B	1
FAN	5.4000A	6
EXHAUST MANIFOLD	6.1000A	2
BATTERY CHARGING GENERATOR MOUNTS	7.1000A	8
TACHOMETER DRIVE	7.4000B	1
ENGINE MOUNTS	11.1000A	3
AIR COMPRESSOR	12.4000A	4

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	146
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	•
CRANKSHAFT PULLEY	1.3000C	•
CRANKSHAFT PULLEY BELT	1.3000D	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	96
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN	1.7000	109
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS STD. EQUIP. PRIOR TO 6D-148163	2.9000	122
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
AIR INLET HOUSING	3.3000A	•
BLOWER	3.4000	127
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	•
OIL FILTER	4.2000A	•
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP	5.1000	•
WATER OUTLET MANIFOLD	5.2000A	•
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
FAN	5.4000A	•
EXHAUST MANIFOLD	6.1000A	•
EXHAUST MUFFLER CONNECTIONS	6.2000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
AIR COMPRESSOR	12.4000A	•

• STANDARD OPTION REFER TO OPTION PLATE.

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	14
AIR BOX DRAINS	1.1000A	6
CYLINDER HEAD	1.2000	2
ENGINE LIFTER BRACKET	1.2000A	4
CRANKSHAFT	1.3000	4
CRANKSHAFT FRONT COVER	1.3000A	6
CRANKSHAFT PULLEY	1.3000C	20
CRANKSHAFT PULLEY BELT	1.3000D	11
FLYWHEEL	1.4000A	87
FLYWHEEL HOUSING	1.5000A	39
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	9
CONNECTING ROD AND PISTON	1.6000	
CAMSHAFT AND GEAR TRAIN	1.7000	3
VALVE OPERATING MECHANISM	1.8000	3
ACCESSORY DRIVE	1.7000B	29
ROCKER COVER	1.8000A	9
FUEL INJECTOR	2.1000A	
FUEL PUMP	2.2000	12
FUEL FILTER	2.3000A	66
FUEL MANIFOLD CONNECTIONS	2.4000	4
FUEL LINES	2.5000A	147
GOVERNOR, MECHANICAL	2.7000A	
INJECTOR CONTROLS	2.9000	27
AIR INLET HOUSING	3.3000A	60
BLOWER	3.4000	12
BLOWER DRIVE SHAFT	3.4000A	1
OIL PUMP	4.1000A	5
OIL DISTRIBUTION SYSTEM	4.1000B	
OIL PRESSURE REGULATOR	4.1000C	1
OIL FILTER	4.2000A	33
OIL COOLER	4.4000A	48
OIL FILLER	4.5000A	1
DIPSTICK	4.6000A	83
OIL PAN	4.7000A	33
VENTILATING SYSTEM	4.8000A	24
FRESH WATER PUMP	5.1000	15
WATER OUTLET ELBOW	5.2000A	8
THERMOSTAT	5.2000B	15
WATER BY-PASS TUBE	5.2000C	36
WATER CONNECTIONS	5.3000B	24
FAN	5.4000A	134
EXHAUST MANIFOLD	6.1000A	48
BATTERY CHARGING GENERATOR	7.1000A	185
STARTING MOTOR	7.3000A	204
ENGINE MOUNTS	11.1000A	65
AIR COMPRESSOR	12.4000A	104

* STANDARD OPTION REFER TO OPTION PLATE.

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	146
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225137	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	65
CRANKSHAFT PULLEY STD. EQUIP. PRIOR TO 6D-213393	1.3000C	207
FLYWHEEL	1.4000A	582
FLYWHEEL HOUSING	1.5000A	350
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO 6D-214999	1.6000	96
CAMSHAFT AND GEAR TRAIN	1.7000	276
ACCESSORY DRIVE	1.7000B	209
VALVE OPERATING MECHANISM	1.8000	164
ROCKER COVER STD. EQUIP. PRIOR TO 6D-225521	1.8000A	97
FUEL INJECTOR	2.1000A	74
FUEL PUMP THRU 6D-205210	2.2000	190
FUEL PUMP EFF. WITH 6D-205211 AND STD. EQUIP. PRIOR TO 6D-220026	2.2000	196
FUEL FILTER	2.3000A	319
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1328
MECHANICAL GOVERNOR	2.7000A	1574
INJECTOR CONTROLS STD. EQUIP. PRIOR TO 6D-225620	2.9000	266
BLOWER STD. EQUIP. PRIOR TO 6D-225521	3.4000	322
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	328
OIL PRESSURE REGULATOR	4.1000C	14
OIL FILTER STD. EQUIP. PRIOR TO 6D-225471	4.2000A	242
OIL LINES STD. EQUIP. PRIOR TO 6D-225471	4.3000A	149
OIL COOLER STD. EQUIP. PRIOR TO 6D-225471	4.4000A	489
OIL FILLER CAP STD. EQUIP. PRIOR TO 6D-225471	4.5000A	18
DIPSTICK STD. EQUIP. PRIOR TO 6D-224661	4.6000A	569
OIL PAN STD. EQUIP. PRIOR TO 6D-225454	4.7000A	332
VENTILATING SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.8000A	248
FRESH WATER PUMP	5.1000	153
WATER OUTLET MANIFOLD	5.2000A	67
THERMOSTAT	5.2000B	284
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225471	5.3000B	242
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	239
EXHAUST MUFFLER STD. EQUIP. PRIOR TO 6D-225521	6.2000A	219
BATTERY CHARGING GENERATOR STD. EQUIP. PRIOR TO 6D-225521	7.1000A	2021
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	206
ENGINE MOUNTING STD. EQUIP. PRIOR TO 6D-225521	11.1000A	380
AIR COMPRESSOR STD. EQUIP. PRIOR TO 6D-220026	12.4000A	801

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233384	1.1000	59
CYLINDER BLOCK EFF. WITH 6D-233385	1.1000	237
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD STD. EQUIP. PRIOR TO 6D-222994	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	118
CRANKSHAFT PULLEY STD. EQUIP. PRIOR TO 6D-225471	1.3000C	180
CRANKSHAFT PULLEY BELT	1.3000D	245
FLYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	808
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	431
CONNECTING ROD AND PISTON	1.6000	96
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	35
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000	276
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	164
ROCKER COVER STD. EQUIP. PRIOR TO 6D-225521	1.8000A	279
FUEL INJECTOR	2.1000A	134
FUEL PUMP	2.2000	190
FUEL FILTER STD. EQUIP. PRIOR TO 6D-225521	2.3000A	316
FUEL MANIFOLD-CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-225521	2.5000A	1410
MECHANICAL GOVERNOR	2.7000A	1566
INJECTOR CONTROLS THRU 6D-164923	2.9000	266
INJECTOR CONTROLS EFF. WITH 6D-164924; STD. EQUIP. PRIOR TO 6D-225620	2.9000	273
AIR INLET HOUSING STD. EQUIP. PRIOR TO 6D-225521	3.3000A	535
BLOWER THRU 6D-196534	3.4000	137
BLOWER EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-225521	3.4000	320
BLOWER DRIVE SHAFT	3.4000A	35
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	165
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	368
OIL PRESSURE REGULATOR THRU 6D-218704	4.1000C	14
OIL PRESSURE REGULATOR EFF. WITH 6D-218705	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-225471	4.2000A	242
OIL FILTER LINES STD. EQUIP. PRIOR TO 6D-225471	4.3000A	149
OIL COOLER STD. EQUIP. PRIOR TO 6D-203401	4.4000A	335
OIL COOLER	4.4000A	793
OIL FILLER STD. EQUIP. PRIOR TO 6D-225471	4.5000A	117
DIPSTICK STD. EQUIP. PRIOR TO 6D-224661	4.6000A	813
OIL PAN STD. EQUIP. PRIOR TO 6D-225471	4.7000A	638
VENTILATING SYSTEM (ON ROCKER COVER) STD. EQUIP. PRIOR TO 6D-225521	4.8000A	585
FRESH WATER PUMP	5.1000	192
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225504	5.2000B	277
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225471	5.3000B	167
FAN	5.4000A	1189
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	465
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	260
ENGINE MOUNTS STD. EQUIP. PRIOR TO 6D-225521	11.1000A	625

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233384	1.1000	59
CYLINDER BLOCK EFF. WITH 6D-233385	1.1000	237
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	118
CRANKSHAFT PULLEY STD. EQUIP. PRIOR TO 6D-213393	1.3000C	180
CRANKSHAFT PULLEY BELT	1.3000D	245
FLYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	843
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	340
CONNECTING ROD AND PISTON-STD. EQUIP. PRIOR TO 6D-214999	1.6000	68
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	35
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000	276
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	164
ROCKER COVER STD. EQUIP. PRIOR TO 6D-225521	1.8000A	279
FUEL INJECTOR THRU 6D-134977	2.1000A	75
FUEL INJECTOR EFF. WITH 6D-134978	2.1000A	134
FUEL PUMP	2.2000	196
FUEL FILTER STD. EQUIP. PRIOR TO 6D-225521	2.3000A	316
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-225521	2.5000A	1410
MECHANICAL GOVERNOR	2.7000A	1566
INJECTOR CONTROLS THRU 6D-171833	2.9000	122
INJECTOR CONTROLS EFF. WITH 6D-171834; STD. EQUIP. PRIOR TO 6D-225620	2.9000	273
AIR INLET HOUSING STD. EQUIP. PRIOR TO 6D-225521	3.3000A	535
BLOWER THRU 6D-196534	3.4000	137
BLOWER EFF. WITH 6D-196535 STD. EQUIP. PRIOR TO 6D-225521	3.4000	320
BLOWER DRIVE SHAFT	3.4000A	35
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	165
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	368
OIL PRESSURE REGULATOR THRU 6D-218704	4.1000C	14
OIL PRESSURE REGULATOR EFF. WITH 6D-218705	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-225471	4.2000A	242
OIL FILTER LINES STD. EQUIP. PRIOR TO 6D-225471	4.3000A	149
OIL COOLER STD. EQUIP. PRIOR TO 6D-225471	4.4000A	489
OIL FILLER STD. EQUIP. PRIOR TO 6D-225471	4.5000A	117
WIPSTICK THRU 6D-122861	4.6000A	414
WIPSTICK EFF. WITH 6D-122862	4.6000A	813
OIL PAN THRU 6D-112952	4.7000A	344
OIL PAN EFF. WITH 6D-112953 AND THRU 6D-122861	4.7000A	568
OIL PAN EFF. WITH 6D-122862 STD. EQUIP. PRIOR TO 6D-225471	4.7000A	638
VENTILATING SYSTEM (ON ROCKER COVER) STD. EQUIP. PRIOR TO 6D-225521	4.8000A	585
FRESH WATER PUMP THRU 6D-117050	5.1000	108
FRESH WATER PUMP EFF. WITH 6D-117051	5.1000	192
WATER OUTLET ELBOW STD. EQUIP. PRIOR TO 6D-225504	5.2000A	98
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225504	5.2000B	153
WATER BY-PASS TUBE THRU 6D-117050	5.2000C	212
WATER BY-PASS TUBE EFF. WITH 6D-117051	5.2000C	387
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225471	5.3000B	242
MAN	5.4000A	1189
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	465
TARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
ENGINE MOUNTS STD. EQUIP. PRIOR TO 6D-225521	11.1000A	625

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	237
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER THRU 6D-218704	1.3000A	66
CRANKSHAFT PULLEY STD. EQUIP. THRU 6D-213393	1.3000C	171
CRANKSHAFT PULLEY BELT THRU 6D-112952	1.3000D	172
CRANKSHAFT PULLEY BELT EFF. WITH 6D-112953 AND STD. EQUIP. THRU 6D-213393	1.3000D	245
FLYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	334
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	350
CONNECTING ROD AND PISTON-STD. EQUIP. THRU 6D-214999	1.6000	68
CONNECTING ROD AND PISTON	1.6000	62
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	35
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000	276
BALANCE WEIGHT COVER EFF. WITH 6D-218705	1.7000A	54
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	164
ROCKER COVER STD. EQUIP. PRIOR TO 6D-225521	1.8000A	82
FUEL INJECTOR STD. EQUIP. THRU 6D-93872	2.1000A	74
FUEL PUMP THRU 6D-188153	2.2000	138
FUEL PUMP EFF. WITH 6D-188154 AND STD. EQUIP. PRIOR TO 6D-220648	2.2000	182
FUEL FILTER STD. EQUIP. PRIOR TO 6D-225521	2.3000A	325
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-225521	2.5000A	1327
MECHANICAL GOVERNOR STD. EQUIP. PRIOR TO 6D-93652	2.7000A	1565
INJECTOR CONTROLS THRU 6D-171833	2.9000	122
INJECTOR CONTROLS EFF. WITH 6D-171834; STD. EQUIP. PRIOR TO 6D-225620	2.9000	273
AIR INLET HOUSING THRU 6D-171132	3.3000A	186
AIR INLET HOUSING EFF. WITH 6D-171133; STD. EQUIP. PRIOR TO 6D-225521	3.3000A	600
BLOWER THRU 6D-196534	3.4000	127
BLOWER EFF. WITH 6D-196535 STD. EQUIP. PRIOR TO 6D-225521	3.4000	325
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	163
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	368
OIL PRESSURE REGULATOR THRU 6D-218704	4.1000C	14
OIL PRESSURE REGULATOR EFF. WITH 6D-218705	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-225471	4.2000A	242
OIL FILTER LINES STD. EQUIP. PRIOR TO 6D-225471	4.3000A	149
OIL COOLER STD. EQUIP. PRIOR TO 6D-225471	4.4000A	447
OIL FILLER CAP STD. EQUIP. PRIOR TO 6D-225471	4.5000A	18
DIPSTICK	4.6000A	770
OIL PAN THRU 6D-93740	4.7000A	344
OIL PAN EFF. WITH 6D-93741; STD. EQUIP. PRIOR TO 6D-225471	4.7000A	568
VENTILATING SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.8000A	296
FRESH WATER PUMP THRU 6D-112952	5.1000	160
FRESH WATER PUMP EFF. WITH 6D-112953	5.1000	153
WATER OUTLET ELBOW STD. EQUIP. PRIOR TO 6D-225504	5.2000A	86
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225504	5.2000B	86
WATER BY-PASS TUBE STD. EQUIP. PRIOR 6D-225504	5.2000C	360
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225471	5.3000B	242
FAN THRU 6D-164384	5.4000A	981
FAN EFF. WITH 6D-164385 AND STD. EQUIP. THRU 6D-213393	5.4000A	1164
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	239
EXHAUST MUFFLER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225521	6.2000A	190
BATTERY CHARGING GENERATOR MOUNTS STD. EQUIP. PRIOR TO 6D-225521	7.1000A	1348
STARTING MOTOR THRU 6D-93127	7.3000A	260
STARTING MOTOR EFF. WITH 6D-93128; STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
TACHOMETER DRIVE STD. EQUIP. PRIOR TO 6D-93872	7.4000B	1
ENGINE MOUNTS STD. EQUIP. PRIOR TO 6D-225521	11.1000A	380

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	31
AIR BOX DRAINS THRU 6D-4948	1.1000A	48
AIR BOX DRAINS EFF. WITH 6D-4949	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT THRU 6D-19048	1.3000	22
CRANKSHAFT EFF. WITH 6D-19049	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	65
CRANKSHAFT PULLEY	1.3000C	171
CRANKSHAFT PULLEY BELT	1.3000D	121
FLYWHEEL	1.4000A	328
FLYWHEEL HOUSING	1.5000A	350
CONNECTING ROD AND PISTON THRU 6D-4479	1.6000	35
CONNECTING ROD AND PISTON EFF. WITH 6D-4480	1.6000	60
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER	1.8000A	64
FUEL INJECTOR	2.1000A	76
FUEL PUMP	2.2000	73
FUEL FILTER	2.3000A	358
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1329
MECHANICAL GOVERNOR	2.7000A	514
INJECTOR CONTROLS	2.9000	110
THROTTLE CONTROLS	2.9000A	553
AIR INLET HOUSING	3.3000A	186
BLOWER THRU 6D-24898	3.4000	73
BLOWER EFF. WITH 6D-24899	3.4000	127
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	324
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER	4.2000A	236
OIL COOLER	4.4000A	447
OIL FILLER	4.5000A	18
DIPSTICK	4.6000A	553
OIL PAN	4.7000A	606
VENTILATING SYSTEM	4.8000A	248
FRESH WATER PUMP THRU 6D-66896	5.1000	58
FRESH WATER PUMP EFF. WITH 6D-66897	5.1000	153
WATER OUTLET ELBOW	5.2000A	86
THERMOSTAT	5.2000B	86
WATER BY-PASS TUBE THRU 6D-66896	5.2000C	164
WATER BY-PASS TUBE EFF. WITH 6D-66897	5.2000C	360
WATER CONNECTIONS	5.3000B	242
FAN	5.4000A	503
EXHAUST MANIFOLD	6.1000A	217
EXHAUST MUFFLER CONNECTIONS	6.2000A	234
BATTERY CHARGING GENERATOR	7.1000A	1857
STARTING MOTOR	7.3000A	204
INSTRUMENTS	7.4000A	372

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYF
CYLINDER BLOCK	1.1000	3
AIR BOX DRAINS	1.1000A	11
CYLINDER HEAD	1.2000	2
ENGINE LIFTER BRACKET	1.2000A	4
CRANKSHAFT	1.3000	4
CRANKSHAFT FRONT COVER	1.3000A	6
CRANKSHAFT PULLEY	1.3000C	20
CRANKSHAFT PULLEY BELT	1.3000D	25
FLYWHEEL	1.4000A	62
FLYWHEEL HOUSING	1.5000A	35
CONNECTING ROD AND PISTON	1.6000	6
CAMSHAFT AND GEAR TRAIN	1.7000	3
ACCESSORY DRIVE STD. EQUIP. PRIOR TO 6D-93872	1.7000B	22
VALVE OPERATING MECHANISM	1.8000	3
ROCKER COVER	1.8000A	8
FUEL INJECTOR STD. EQUIP. PRIOR TO 6D-93872	2.1000A	5
FUEL PUMP STD. EQUIP. PRIOR TO 6D-93872	2.2000	13
FUEL FILTER	2.3000A	36
FUEL MANIFOLD CONNECTIONS	2.4000	4
FUEL LINES	2.5000A	84
MECHANICAL GOVERNOR STD. EQUIP. PRIOR TO 6D-93872	2.7000A	88
INJECTOR CONTROLS	2.9000	12
AIR INLET HOUSING	3.3000A	18
BLOWER	3.4000	12
BLOWER DRIVE SHAFT	3.4000A	1
OIL PUMP	4.1000A	5
OIL DISTRIBUTION SYSTEM	4.1000B	33
OIL PRESSURE REGULATOR	4.1000C	1
OIL FILTER	4.2000A	23
OIL COOLER	4.4000A	46
OIL FILLER	4.5000A	1
DIPSTICK	4.6000A	48
OIL PAN	4.7000A	27
FRESH WATER PUMP	5.1000	16
WATER OUTLET ELBOW	5.2000A	8
THERMOSTAT	5.2000B	8
WATER BY-PASS TUBE	5.2000C	36
WATER CONNECTIONS	5.3000B	16
FAN	5.4000A	64
EXHAUST MANIFOLD	6.1000A	21
BATTERY CHARGING GENERATOR	7.1000A	150
STARTING MOTOR	7.3000A	27
POWER TAKE-OFF SUPPORT	8.1000A	27
ENGINE MOUNTS	11.1000A	38
COLD WEATHER STARTING AID	12.6000C	4

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
YLINDER BLOCK THRU 6D-233384	1.1000	59
YLINDER BLOCK EFF. WITH 6D-233385	1.1000	237
IR BOX DRAINS THRU 6D-6427	1.1000A	62
IR BOX DRAINS EFF. WITH 6D-6428 AND STD. EQUIP. PRIOR TO 6D-72628	1.1000A	71
IR BOX DRAINS	1.1000A	114
YLINDER HEAD	1.2000	26
NGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	44
RANKSHAFT THRU 6D-11886	1.3000	22
RANKSHAFT EFF. WITH 6D-11887	1.3000	44
RANKSHAFT FRONT COVER THRU 6D-6427	1.3000A	76
RANKSHAFT FRONT COVER EFF. WITH 6D-6428 AND STD. EQUIP. PRIOR TO 6D-157189	1.3000A	78
LYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	540
LYWHEEL HOUSING THRU 6D-5190	1.5000A	308
LYWHEEL HOUSING EFF. WITH 6D-5191 STD. EQUIP. PRIOR TO 6D-225236	1.5000A	325
ONNECTING ROD AND PISTON THRU 6D-5190	1.6000	60
ONNECTING ROD AND PISTON EFF. WITH 6D-5191 AND STD. EQUIP. PRIOR TO 6D-214999	1.6000	63
AMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	60
AMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000	277
ALANCE WEIGHT COVER	1.7000A	55
ALVE OPERATING MECHANISM THRU 6D-196534	1.8000	46
ALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	165
OCKER COVER THRU 6D-6427	1.8000A	98
OCKER COVER EFF. WITH 6D-6428; STD. EQUIP. PRIOR TO 6D-225521	1.8000A	110
UEL INJECTOR THRU 6D-5451	2.1000A	59
UEL INJECTOR EFF. WITH 6D-5452; STD. EQUIP. THRU 6D-93872	2.1000A	84
UEL INJECTOR	2.1000A	74
UEL PUMP THRU 6D-78448	2.2000	66
UEL PUMP EFF. WITH 6D-78449 AND THRU 6D-188447	2.2000	148
UEL PUMP EFF. WITH 6D-188448 AND THRU 6D-196534	2.2000	179
UEL PUMP EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO 6D-219888	2.2000	190
UEL FILTER THRU 6D-5451	2.3000A	294
UEL FILTER EFF. WITH 6D-5452 AND STD. EQUIP. PRIOR TO 6D-122862	2.3000A	316
UEL MANIFOLD CONNECTIONS	2.4000	48
UEL LINES THRU 6D-5451	2.5000A	658
UEL LINES EFF. WITH 6D-5452 AND STD. EQUIP. PRIOR TO 6D-122862	2.5000A	695
MECHANICAL GOVERNOR THRU 6D-33701	2.7000A	710
IECHANICAL GOVERNOR EFF. WITH 6D-33702; STD. EQUIP. PRIOR TO 6D-83965	2.7000A	1566
IJECTOR CONTROLS THRU 6D-171833	2.9000	122
IJECTOR CONTROLS EFF. WITH 6D-171834; STD. EQUIP. PRIOR TO 6D-225620	2.9000	273
IR CLEANER ADAPTOR STD. EQUIP. PRIOR TO 6D-181888	3.1000A	265
IR INLET HOUSING STD. EQUIP. PRIOR TO 6D-181888	3.3000A	282
LOWER THRU 6D-36860	3.4000	90
LOWER EFF. WITH 6D-36861 AND THRU 6D-196534	3.4000	137
LOWER EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-225521	3.4000	320
LOWER DRIVE SHAFT	3.4000A	35
IL PUMP THRU 6D-218704	4.1000A	51
IL PUMP EFF. WITH 6D-218705	4.1000A	165
IL DISTRIBUTION SYSTEM THRU 6D-51944	4.1000B	275
IL DISTRIBUTION SYSTEM EFF. WITH 6D-51945; STD. EQUIP. PRIOR TO 6D-225471	4.1000B	368
IL PRESSURE REGULATOR STD. EQUIP. PRIOR TO 6D-157189	4.1000C	14
IL PRESSURE REGULATOR STD. EQUIP. EFF. WITH 6D-218705	4.1000C	12
IL FILTER STD. EQUIP. PRIOR TO 6D-210953	4.2000A	194
IL FILTER LINES STD. EQUIP. PRIOR TO 6D-210953	4.3000A	114
IL COOLER THRU 6D-5451	4.4000A	412
IL COOLER EFF. WITH 6D-5452; STD. EQUIP. PRIOR TO 6D-225521	4.4000A	413
IL COOLER	4.4000A	1018
IL FILLER THRU 6D-6427	4.5000A	55
IL FILLER EFF. WITH 6D-6428 STD. EQUIP. PRIOR TO 6D-225471	4.5000A	74
IPSTICK THRU 6D-5957	4.6000A	387
IPSTICK EFF. WITH 6D-5958 AND STD. EQUIP. PRIOR TO 6D-116684	4.6000A	414
IL PAN THRU 6D-5957	4.7000A	299
IL PAN EFF. WITH 6D-5958 AND THRU 6D-6427	4.7000A	319
IL PAN EFF. WITH 6D-6428 AND THRU 6D-22223	4.7000A	322
IL PAN EFF. WITH 6D-22224; STD. EQUIP. PRIOR TO 6D-225454	4.7000A	344
RESH WATER PUMP THRU 6D-4617	5.1000	93
RESH WATER PUMP EFF. WITH 6D-4618 AND THRU 6D-6434	5.1000	94
RESH WATER PUMP EFF. WITH 6D-6435 AND THRU 6D-117050	5.1000	108

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
FRESH WATER PUMP EFF. WITH 6D-117051	5.1000	192
WATER OUTLET ELBOW	5.2000A	98
THERMOSTAT THRU 6D-6434	5.2000B	126
THERMOSTAT EFF. WITH 6D-6435 AND THRU 6D-117050	5.2000B	153
THERMOSTAT EFF. WITH 6D-117051 AND STD. EQUIP. PRIOR TO 6D-192789	5.2000B	244
THERMOSTAT	5.2000B	153
WATER BY-PASS TUBE THRU 6D-117050	5.2000C	212
WATER BY-PASS TUBE EFF. WITH 6D-117051 AND STD. EQUIP. PRIOR TO 6D-192789	5.2000C	387
WATER CONNECTIONS THRU 6D-5451	5.3000B	217
WATER CONNECTIONS EFF. WITH 6D-5452 AND STD. EQUIP. PRIOR TO 6D-192789	5.3000B	219
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	257
STARTING MOTOR THRU 6D-6169	7.3000A	206
STARTING MOTOR EFF. WITH 6D-6170; STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
TACHOMETER DRIVE THRU 6D-6169	7.4000B	323
TACHOMETER DRIVE EFF. WITH 6D-6170 AND STD. EQUIP. PRIOR TO 6D-217823	7.4000B	364
AIR HEATER THRU 6D-22268	7.8000A	159
AIR HEATER EFF. WITH 6D-22269 AND THRU 6D-76394	7.8000A	165
AIR HEATER EFF. WITH 6D-76395 AND STD. EQUIP. PRIOR TO 6D-157189	7.8000A	182
ENGINE MOUNTS	11.1000A	502

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-103084	1.1000	146
CYLINDER BLOCK EFF. WITH 6D-103085 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.1000	203
CYLINDER BLOCK	1.1000	•
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000	132
CYLINDER HEAD	1.2000	•
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	•
CRANKSHAFT PULLEY	1.3000C	•
CRANKSHAFT PULLEY BELT	1.3000D	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON THRU 6D-187522	1.6000	176
CONNECTING ROD AND PISTON EFF. WITH 6D-187523 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	204
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN	1.7000	191
BALANCE WEIGHT COVER	1.7000A	•
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	148
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	181
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.4000	48
FUEL MANIFOLD CONNECTIONS	2.4000	•
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	259
INJECTOR CONTROLS	2.9000	•
AIR INLET HOUSING	3.3000A	•
BLOWER THRU 6D-188733	3.4000	281
BLOWER EFF. WITH 6D-188734 AND THRU 6D-196534	3.4000	330
BLOWER EFF. WITH 6D-196535 AND THRU 6D-225847	3.4000	337
BLOWER EFF. WITH 6D-225858	3.4000	438
BLOWER DRIVE SHAFT	3.4000A	17
TURBOCHARGER	3.5000A	•
OIL PUMP THRU 6D-218704	4.1000A	145
OIL PUMP EFF. WITH 6D-218705	4.1000A	158
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	•
OIL PRESSURE REGULATOR STD. EQUIP. EFF. WITH 6D-218705	4.1000C	12
OIL FILTER	4.2000A	•
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
OIL FILLER (ON ROCKER COVER)	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	•
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A	•
FRESH WATER PUMP	5.1000	•
WATER OUTLET MANIFOLD	5.2000A	•
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
FAN	5.4000A	•
EXHAUST MANIFOLD	6.1000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•
• STANDARD OPTION REFER TO OPTION PLATE		

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	240
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-229174	1.2000A	44
CRANKSHAFT	1.3000	44
FLYWHEEL	1.4000A	1048
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-229174	1.5000A	325
CONNECTING ROD AND PISTON THRU 6D-231716	1.6000	270
CONNECTING ROD AND PISTON EFF. WITH 6D-231717	1.6000	288
CAMSHAFT AND GEAR TRAIN	1.7000	486
BALANCE WEIGHT COVER	1.7000A	54
VALVE OPERATING MECHANISM THRU 6D-229533	1.8000	181
VALVE OPERATING MECHANISM EFF. WITH 6D-229534	1.8000	165
ROCKER COVER STD. EQUIP. PRIOR TO 6D-229174	1.8000A	521
FUEL INJECTOR	2.1000A	231
FUEL PUMP	2.2000	202
FUEL FILTER STD. EQUIP. PRIOR TO 6D-229174	2.3000A	824
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-229174	2.5000A	1690
MECHANICAL GOVERNOR	2.7000A	1568
INJECTOR CONTROLS STD. EQUIP. PRIOR TO 6D-229174	2.9000	273
THROTTLE CONTROLS STD. EQUIP. PRIOR TO 6D-229174	2.9000A	553
BLOWER	3.4000	468
BLOWER DRIVE SHAFT	3.4000A	35
TURBOCHARGER	3.5000A	829
OIL PUMP THRU 6D-234304	4.1000A	181
OIL PUMP EFF. WITH 6D-234305	4.1000A	194
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-229174	4.1000B	492
OIL FILTER STD. EQUIP. PRIOR TO 6D-229174	4.2000A	466
OIL COOLER STD. EQUIP. PRIOR TO 6D-229174	4.4000A	1000
OIL PAN STD. EQUIP. PRIOR TO 6D-229174	4.7000A	739
VENTILATING SYSTEM (ON ROCKER COVER) STD. EQUIP. PRIOR TO 6D-229174	4.8000A	841
FRESH WATER PUMP	5.1000	153
THERMOSTAT STD. EQUIP. PRIOR TO 6D-229174	5.2000B	159
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-229174	5.3000B	392
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-229174	6.1000A	239
STARTING MOTOR	7.3000A	300

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233384	1.1000	59
CYLINDER BLOCK EFF. WITH 6D-233385	1.1000	237
AIR BOX DRAINS THRU 6D-236702	1.1000A	114
AIR BOX DRAINS EFF. WITH 6D-236703	1.1000A	190
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	78
CRANKSHAFT STD. EQUIP. PRIOR TO 6D-225620	1.3000	44
FLYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	808
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	431
CONNECTING ROD AND PISTON	1.6000	181
CAMSHAFT AND GEAR TRAIN	1.7000	277
BALANCE WEIGHT COVER	1.7000A	55
ACCESSORY DRIVE	1.7000B	358
VALVE OPERATING MECHANISM	1.8000	165
ROCKER COVER	1.8000A	474
FUEL INJECTOR	2.1000A	242
FUEL PUMP	2.2000	194
FUEL FILTER STD. EQUIP. PRIOR TO 6D-225620	2.3000A	811
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-225620	2.5000A	1637
MECHANICAL GOVERNOR	2.7000A	1886
INJECTOR CONTROLS STD. EQUIP. PRIOR TO 6D-225620	2.9000	266
THROTTLE CONTROLS STD. EQUIP. PRIOR TO 6D-225620	2.9000A	982
THROTTLE CONTROLS	2.9000A	1178
AIR INLET HOUSING STD. EQUIP. PRIOR TO 6D-225521	3.3000A	282
BLOWER STD. EQUIP. PRIOR TO 6D-225521	3.4000	322
BLOWER DRIVE SHAFT	3.4000A	17
TURBOCHARGER	3.5000A	754
OIL PUMP	4.1000A	164
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	445
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-225620	4.2000A	349
OIL COOLER STD. EQUIP. PRIOR TO 6D-225620	4.4000A	1000
OIL FILLER	4.5000A	86
OIL PAN STD. EQUIP. PRIOR TO 6D-224545	4.7000A	344
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A	756
FRESH WATER PUMP	5.1000	192
WATER OUTLET MANIFOLD STD. EQUIP. PRIOR TO 6D-225620	5.2000A	98
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225620	5.2000B	153
WATER BY-PASS TUBE	5.2000C	387
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225620	5.3000B	392
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225620	6.1000A	548
EXHAUST MUFFLER	6.2000A	405
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
TACHOMETER DRIVE	7.4000B	534
AIR HEATER STD. EQUIP. PRIOR TO 6D-225620	7.8000A	192
ENGINE MOUNTING STD. EQUIP. PRIOR TO 6D-225521	11.1000A	380
AIR COMPRESSOR	12.4000A	1222

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	236
AIR BOX DRAINS	1.1000A	179
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT PULLEY HUB	1.3000C	407
FLYWHEEL	1.4000A	532
FLYWHEEL HOUSING	1.5000A	325
CONNECTING ROD AND PISTON	1.6000	288
CAMSHAFT AND GEAR TRAIN	1.7000	486
BALANCE WEIGHT COVER	1.7000A	61
VALVE OPERATING MECHANISM	1.8000	165
ROCKER COVER	1.8000A	519
FUEL INJECTOR	2.1000A	229
FUEL PUMP	2.2000	194
FUEL FILTER	2.3000A	847
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1767
MECHANICAL GOVERNOR	2.7000A	1583
INJECTOR CONTROLS	2.9000	266
AIR INLET HOUSING	3.3000A	744
BLOWER	3.4000	468
BLOWER DRIVE SHAFT	3.4000A	35
TURBOCHARGER	3.5000A	1027
OIL PUMP	4.1000A	182
OIL DISTRIBUTION SYSTEM	4.1000B	445
OIL PRESSURE REGULATOR	4.1000C	14
OIL FILTER	4.2000A	487
OIL FILTER LINES	4.3000A	202
OIL COOLER	4.4000A	1037
OIL FILLER	4.5000A	161
DIPSTICK	4.6000A	1138
OIL PAN	4.7000A	654
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A	838
FRESH WATER PUMP	5.1000	192
WATER OUTLET MANIFOLD	5.2000A	98
THERMOSTAT	5.2000B	351
WATER BY-PASS TUBE	5.2000C	387
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-229174	5.3000B	392
WATER CONNECTIONS	5.3000B	412
EXHAUST MANIFOLD	6.1000A	582
STARTING MOTOR	7.3000A	300
TACHOMETER DRIVE	7.4000B	364
AIR HEATER	7.8000A	196
ENGINE MOUNTING	11.1000A	688

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	237
R BOX DRAINS	1.1000A	179
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	61
CRANKSHAFT PULLEY	1.3000C	381
CRANKWHEEL	1.4000A	532
CRANKWHEEL HOUSING	1.5000A	696
CONNECTING ROD AND PISTON	1.6000	288
CRANKSHAFT AND GEAR TRAIN	1.7000	486
ACCESSORY DRIVE	1.7000B	394
VALVE OPERATING MECHANISM	1.8000	165
ROCKER COVER	1.8000A	519
FUEL INJECTOR	2.1000A	229
FUEL PUMP	2.2000	254
FUEL FILTER	2.3000A	838
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1743
MECHANICAL GOVERNOR	2.7000A	1583
INJECTOR CONTROLS	2.9000	266
CRANK INLET HOUSING	3.3000A	809
LOWER	3.4000	468
LOWER DRIVE SHAFT	3.4000A	37
TURBOCHARGER	3.5000A	998
OIL PUMP	4.1000A	182
OIL DISTRIBUTION SYSTEM	4.1000B	445
OIL PRESSURE REGULATOR	4.1000C	14
OIL FILTER	4.2000A	480
OIL COOLER	4.4000A	1107
OIL FILLER	4.5000A	161
CRANK PISTON	4.6000A	1160
CRANK PAN	4.7000A	770
VENTILATING SYSTEM (ON ROCKER COVER)	4.8000A	857
FRESH WATER PUMP	5.1000	262
TERMOSTAT	5.2000B	348
WATER BY-PASS TUBE	5.2000C	445
WATER CONNECTIONS	5.3000B	412
EXHAUST MANIFOLD	6.1000A	571
STARTING MOTOR	7.3000A	300
TACHOMETER DRIVE	7.4000B	364
R HEATER	7.8000A	195
ENGINE MOUNTING	11.1000A	680

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233384	1.1000	59
CYLINDER BLOCK EFF. WITH 6D-233385	1.1000	237
AIR BOX DRAINS	1.1000A	114
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	78
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	78
FLYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	808
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	431
CONNECTING ROD AND PISTON THRU 6D-164402	1.6000	182
CONNECTING ROD AND PISTON EFF. WITH 6D-164403 AND STD. EQUIP. PRIOR TO 6D-214999	1.6000	181
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	60
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000	277
BALANCE WEIGHT COVER	1.7000A	55
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	46
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	165
ROCKER COVER THRU 6D-184742	1.8000A	402
ROCKER COVER EFF. WITH 6D-184743; STD. EQUIP. PRIOR TO 6D-225521	1.8000A	474
FUEL INJECTOR	2.1000A	242
FUEL PUMP THRU 6D-188153	2.2000	166
FUEL PUMP EFF. WITH 6D-188154 AND THRU 6D-196534	2.2000	186
FUEL PUMP EFF. WITH 6D-196535	2.2000	194
FUEL FILTER STD. EQUIP. PRIOR TO 6D-190021	2.3000A	316
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-190021	2.5000A	1487
MECHANICAL GOVERNOR	2.7000A	1583
INJECTOR CONTROLS STD. EQUIP. PRIOR TO 6D-225620	2.9000	266
THROTTLE CONTROLS THRU 6D-162532	2.9000A	900
THROTTLE CONTROLS EFF. WITH 6D-162533; STD. EQUIP. PRIOR TO 6D-223412	2.9000A	927
THROTTLE CONTROLS	2.9000A	927
AIR CLEANER ELBOW THRU 6D-223412	3.1000A	265
AIR INLET HOUSING STD. EQUIP. PRIOR TO 6D-225521	3.3000A	282
BLOWER THRU 6D-196534	3.4000	282
BLOWER EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-225521	3.4000	322
BLOWER DRIVE SHAFT	3.4000A	17
TURBOCHARGER STD. EQUIP. PRIOR TO 6D-225620	3.5000A	754
OIL PUMP	4.1000A	165
OIL DISTRIBUTION SYSTEM	4.1000B	324
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-221605	4.2000A	194
OIL FILTER LINES STD. EQUIP. PRIOR TO 6D-221605	4.3000A	114
OIL COOLER	4.4000A	1027
OIL FILLER STD. EQUIP. PRIOR TO 6D-225521	4.5000A	86
DIPSTICK	4.6000A	559
OIL PAN	4.7000A	273
VENTILATING SYSTEM (ON ROCKER COVER) THRU 6D-184742	4.8000A	586
VENTILATING SYSTEM EFF. WITH 6D-184743; STD. EQUIP. PRIOR TO 6D-225521	4.8000A	756
FRESH WATER PUMP STD. EQUIP. PRIOR TO 6D-221606	5.1000	153
WATER OUTLET ELBOW	5.2000A	86
THERMOSTAT	5.2000B	290
WATER BY-PASS TUBE	5.2000C	360
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-221606	5.3000B	352
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-223412	6.1000A	439
EXHAUST MUFFLER CLAMP STD. EQUIP. PRIOR TO 6D-225521	6.2000A	405
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
TACHOMETER DRIVE STD. EQUIP. PRIOR TO 6D-155565	7.4000B	276
TACHOMETER DRIVE	7.4000B	534
AIR HEATER	7.8000A	178
ENGINE MOUNTS STD. EQUIP. PRIOR TO 6D-225521	11.1000A	380
AIR COMPRESSOR STD. EQUIP. PRIOR TO 6D-213965	12.4000A	1000
AIR COMPRESSOR	12.4000A	1230
HYDRAULIC PUMP STD. EQUIP. PRIOR TO 6D-213965	12.5000A	184

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK STD. EQUIP. PRIOR TO 6D-230055	1.1000	59
CYLINDER BLOCK	1.1000	237
AIR BOX DRAINS STD. EQUIP. PRIOR TO 6D-232193	1.1000A	129
CYLINDER HEAD STD. EQUIP. PRIOR TO 6D-236641	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	78
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	126
FLYWHEEL STD. EQUIP. PRIOR TO 6D-220648	1.4000A	532
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	325
CONNECTING ROD AND PISTON THRU 6D-164402	1.6000	182
CONNECTING ROD AND PISTON EFF. WITH 6D-164403 AND STD. EQUIP. PRIOR TO 6D-214999	1.6000	181
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	60
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-236641	1.7000	277
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	46
VALVE OPERATING MECHANISM EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-230055	1.8000	165
ROCKER COVER STD. EQUIP. PRIOR TO 6D-225521	1.8000A	281
FUEL INJECTOR	2.1000A	80
FUEL PUMP	2.2000	194
FUEL FILTER STD. EQUIP. PRIOR TO 6D-225521	2.3000A	661
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-225521	2.5000A	1466
MECHANICAL GOVERNOR	2.7000A	1583
INJECTOR CONTROLS	2.9000	266
AIR INLET HOUSING STD. EQUIP. PRIOR TO 6D-225521	3.3000A	527
BLOWER THRU 6D-196534	3.4000	282
BLOWER EFF. WITH 6D-196535 STD. EQUIP. PRIOR TO 6D-225521	3.4000	322
BLOWER DRIVE SHAFT STD. EQUIP. PRIOR TO 6D-236641	3.4000A	35
TURBOCHARGER	3.5000A	322
OIL PUMP EFF. WITH 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705; STD. EQUIP. PRIOR TO 6D-230055	4.1000A	164
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	445
OIL PRESSURE REGULATOR STD. EQUIP. PRIOR TO 6D-230055	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-225471	4.2000A	337
OIL FILTER LINES STD. EQUIP. PRIOR TO 6D-225471	4.3000A	175
OIL COOLER STD. EQUIP. PRIOR TO 6D-225521	4.4000A	814
OIL COOLER	4.4000A	1032
OIL FILLER STD. EQUIP. PRIOR TO 6D-225521	4.5000A	86
PIPSTICK STD. EQUIP. PRIOR TO 6D-224661	4.6000A	411
OIL PAN STD. EQUIP. PRIOR TO 6D-224545	4.7000A	344
VENTILATING SYSTEM STD. EQUIP. PRIOR TO 6D-225521	4.8000A	585
FRESH WATER PUMP STD. EQUIP. PRIOR TO 6D-233324	5.1000	192
WATER OUTLET ELBOW STD. EQUIP. PRIOR TO 6D-225504	5.2000A	98
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225504	5.2000B	154
WATER BY-PASS TUBE	5.2000C	387
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225504	5.3000B	352
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	257
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
TACHOMETER DRIVE STD. EQUIP. PRIOR TO 6D-151605	7.4000B	485
AIR HEATER THRU 6D-157233	7.8000A	178
AIR HEATER EFF. WITH 6D-157234; STD. EQUIP. PRIOR TO 6D-225521	7.8000A	188

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233384	1.1000	59
CYLINDER BLOCK EFF. WITH 6D-233385	1.1000	237
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 6D-225236	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	78
FLYWHEEL STD. EQUIP. PRIOR TO 6D-225454	1.4000A	945
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-225236	1.5000A	325
CONNECTING ROD AND PISTON THRU 6D-164402	1.6000	182
CONNECTING ROD AND PISTON EFF. WITH 6D-164403 AND STD. EQUIP. PRIOR TO 6D-214999	1.6000	181
CAMSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	60
CAMSHAFT AND GEAR TRAIN EFF. WITH 6D-196535	1.7000	277
BALANCE WEIGHT COVER	1.7000A	55
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	46
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	165
ROCKER COVER STD. EQUIP. PRIOR TO 6D-225521	1.8000A	402
FUEL INJECTOR	2.1000A	89
FUEL PUMP	2.2000	194
FUEL FILTER STD. EQUIP. PRIOR TO 6D-225521	2.3000A	316
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES STD. EQUIP. PRIOR TO 6D-225521	2.5000A	695
MECHANICAL GOVERNOR	2.7000A	1583
INJECTOR CONTROLS THRU 6D-171833	2.9000	182
INJECTOR CONTROLS EFF. WITH 6D-171834; STD. EQUIP. PRIOR TO 6D-225620	2.9000	266
AIR INLET HOUSING STD. EQUIP. PRIOR TO 6D-225521	3.3000A	573
BLOWER THRU 6D-196534	3.4000	282
BLOWER EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-225521	3.4000	322
BLOWER DRIVE SHAFT	3.4000A	35
TURBOCHARGER STD. EQUIP. PRIOR TO 6D-225521	3.5000A	309
OIL PUMP THRU 6D-218704	4.1000A	51
OIL PUMP EFF. WITH 6D-218705	4.1000A	165
OIL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-225471	4.1000B	368
OIL PRESSURE REGULATOR THRU 6D-218704	4.1000C	14
OIL PRESSURE REGULATOR EFF. WITH 6D-218705	4.1000C	12
OIL FILTER STD. EQUIP. PRIOR TO 6D-225471	4.2000A	194
OIL FILTER LINES STD. EQUIP. PRIOR TO 6D-225471	4.3000A	114
OIL COOLER STD. EQUIP. PRIOR TO 6D-225521	4.4000A	413
OIL COOLER	4.4000A	1018
OIL FILLER STD. EQUIP. PRIOR TO 6D-225521	4.5000A	86
DIPSTICK	4.6000A	414
OIL PAN STD. EQUIP. PRIOR TO 6D-225471	4.7000A	654
VENTILATING SYSTEM STD. EQUIP. PRIOR TO 6D-225521	4.8000A	756
FRESH WATER PUMP	5.1000	192
WATER OUTLET ELBOW STD. EQUIP. PRIOR TO 6D-225504	5.2000A	98
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225504	5.2000B	153
WATER BY PASS TUBE	5.2000C	387
WATER CONNECTIONS STD. EQUIP. PRIOR TO 6D-225471	5.3000B	219
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	257
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
TACHOMETER DRIVE STD. EQUIP. PRIOR TO 6D-217823	7.4000B	364
AIR HEATER	7.8000A	185
ENGINE MOUNTS	11.1000A	502

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	237
CRANK BOX DRAINS STD. EQUIP. PRIOR TO 6D-228877	1.1000A	114
CYLINDER HEAD STD. EQUIP. PRIOR TO 6D-219763	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER THRU 6D-113798	1.3000A	85
CRANKSHAFT FRONT COVER EFF. WITH 6D-113799; STD. EQUIP. PRIOR TO 6D-159950	1.3000A	78
FLYWHEEL STD. EQUIP. PRIOR TO 6D-222994	1.4000A	808
FLYWHEEL HOUSING STD. EQUIP. PRIOR TO 6D-219763	1.5000A	431
CONNECTING ROD AND PISTON THRU 6D-135079	1.6000	59
CONNECTING ROD AND PISTON EFF. WITH 6D-135080 AND THRU 6D-164402	1.6000	182
CONNECTING ROD AND PISTON EFF. WITH 6D-164403 AND STD. EQUIP. PRIOR TO 6D-214999	1.6000	181
CRANKSHAFT AND GEAR TRAIN THRU 6D-196534	1.7000	60
CRANKSHAFT AND GEAR TRAIN EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO 6D-219763	1.7000	277
CRANK WEIGHT COVER	1.7000A	55
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	46
VALVE OPERATING MECHANISM EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO 6D-219763	1.8000	165
ROCKER COVER STD. EQUIP. PRIOR TO 6D-222994	1.8000A	281
FUEL INJECTOR	2.1000A	89
FUEL PUMP	2.2000	194
FUEL FILTER	2.3000A	316
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1417
MECHANICAL GOVERNOR	2.7000A	1583
INJECTOR CONTROLS THRU 6D-171833	2.9000	182
INJECTOR CONTROLS EFF. WITH 6D-171834; STD. EQUIP. PRIOR TO 6D-225620	2.9000	266
THROTTLE CONTROLS EFF. THRU 6D-162532	2.9000A	900
THROTTLE CONTROLS EFF. WITH 6D-162533 AND STD. EQUIP. PRIOR TO 6D-222994	2.9000A	927
CRANK INLET HOUSING STD. EQUIP. PRIOR TO 6D-222994	3.3000A	527
LOWER THRU 6D-196534	3.4000	282
LOWER EFF. WITH 6D-196535; STD. EQUIP. PRIOR TO 6D-225521	3.4000	322
LOWER DRIVE SHAFT STD. EQUIP. PRIOR TO 6D-228877	3.4000A	35
CRANKBOCHARGER	3.5000A	252
IL PUMP THRU 6D-218704	4.1000A	51
IL PUMP EFF. WITH 6D-218705	4.1000A	165
IL DISTRIBUTION SYSTEM STD. EQUIP. PRIOR TO 6D-159950	4.1000B	368
IL PRESSURE REGULATOR THRU 6D-218704	4.1000C	14
IL PRESSURE REGULATOR EFF. WITH 6D-218705	4.1000C	12
IL FILTER	4.2000A	249
IL COOLER STD. EQUIP. PRIOR TO 6D-225521	4.4000A	413
IL COOLER	4.4000A	1018
IL FILLER STD. EQUIP. PRIOR TO 6D-222994	4.5000A	86
IPSTICK STD. EQUIP. PRIOR TO 6D-157735	4.6000A	799
IL PAN	4.7000A	344
VENTILATING SYSTEM (ON ROCKER COVER) STD. EQUIP. PRIOR TO 6D-222994	4.8000A	585
FRESH WATER PUMP THRU 6D-117050	5.1000	108
FRESH WATER PUMP EFF. WITH 6D-117051; STD. EQUIP. PRIOR TO 6D-228877	5.1000	192
WATER OUTLET ELBOW STD. EQUIP. PRIOR TO 6D-225504	5.2000A	98
THERMOSTAT STD. EQUIP. PRIOR TO 6D-225504	5.2000B	153
WATER BY-PASS TUBE	5.2000C	387
WATER CONNECTIONS	5.3000B	219
EXHAUST MANIFOLD STD. EQUIP. PRIOR TO 6D-225504	6.1000A	257
STARTING MOTOR STD. EQUIP. PRIOR TO 6D-225521	7.3000A	300
R HEATER	7.8000A	178

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	72
AIR BOX DRAINS	1.1000A	66
CYLINDER HEAD	1.2000	68
ENGINE LIFTER BRACKET	1.2000A	78
CRANKSHAFT THRU 6D-11886	1.3000	43
CRANKSHAFT EFF. WITH 6D-11887	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	85
FLYWHEEL	1.4000A	532
FLYWHEEL HOUSING	1.5000A	326
CONNECTING ROD AND PISTON	1.6000	59
CAMSHAFT AND GEAR TRAIN	1.7000	60
VALVE OPERATING MECHANISM	1.8000	48
ROCKER COVER	1.8000A	115
FUEL INJECTOR STD. EQUIP. PRIOR TO 6D-93872	2.1000A	80
FUEL PUMP THRU 6D-78448	2.2000	66
FUEL PUMP EFF. WITH 6D-78449	2.2000	128
FUEL FILTER	2.3000A	294
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	658
MECHANICAL GOVERNOR THRU 6D-9819	2.7000A	547
MECHANICAL GOVERNOR EFF. WITH 6D-9820, STD. EQUIP. PRIOR TO 6D-83965	2.7000A	898
INJECTOR CONTROLS THRU 6D-84347	2.9000	122
INJECTOR CONTROLS EFF. WITH 6D-84348	2.9000	182
AIR INLET HOUSING	3.3000A	274
BLOWER THRU 6D-36860	3.4000	90
BLOWER EFF. WITH 6D-36861	3.4000	137
BLOWER DRIVE SHAFT	3.4000A	35
TURBOCHARGER	3.5000A	99
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	297
OIL PRESSURE REGULATOR	4.1000C	14
OIL FILTER	4.2000A	249
OIL COOLER	4.4000A	405
OIL FILLER	4.5000A	77
DIPSTICK	4.6000A	411
OIL PAN	4.7000A	344
FRESH WATER PUMP THRU 6D-7324	5.1000	94
FRESH WATER PUMP EFF. WITH 6D-7325 AND THRU 6D-117050	5.1000	108
FRESH WATER PUMP EFF. WITH 6D-117051	5.1000	192
WATER OUTLET MANIFOLD	5.2000A	98
THERMOSTAT THRU 6D-117050	5.2000B	154
THERMOSTAT EFF. WITH 6D-117051	5.2000B	243
WATER BY-PASS TUBE THRU 6D-117050	5.2000C	212
WATER BY-PASS TUBE EFF. WITH 6D-117051	5.2000C	387
WATER CONNECTIONS	5.3000B	218
EXHAUST MANIFOLD	6.1000A	257
STARTING MOTOR	7.3000A	260
TACHOMETER DRIVE	7.4000B	485
AIR HEATER THRU 6D-76394	7.8000A	164
AIR HEATER EFF. WITH 6D-76395	7.8000A	178
ENGINE MOUNTS	11.1000A	601

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	59
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	22
CRANKSHAFT FRONT COVER	1.3000A	78
FLYWHEEL	1.4000A	532
FLYWHEEL HOUSING THRU 6D-6169	1.5000A	309
FLYWHEEL HOUSING EFF. WITH 6D-6170	1.5000A	325
CONNECTING ROD AND PISTON	1.6000	63
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	46
ROCKER COVER	1.8000A	118
FUEL INJECTOR	2.1000A	89
FUEL PUMP	2.2000	66
FUEL FILTER	2.3000A	294
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	658
MECHANICAL GOVERNOR	2.7000A	710
INJECTOR CONTROLS	2.9000	122
AIR INLET HOUSING	3.3000A	273
BLOWER	3.4000	90
BLOWER DRIVE SHAFT THRU 6D-10933	3.4000A	17
BLOWER DRIVE SHAFT EFF. WITH 6D-10934	3.4000A	35
TURBOCHARGER	3.5000A	98
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	275
OIL PRESSURE REGULATOR	4.1000C	14
OIL FILTER	4.2000A	194
OIL FILTER LINES	4.3000A	114
OIL COOLER	4.4000A	404
OIL FILLER	4.5000A	55
OIL FILLER TUBE	4.5000A	77
DIPSTICK THRU 6D-6169	4.6000A	364
DIPSTICK EFF. WITH 6D-6170	4.6000A	411
OIL PAN THRU 6D-6169	4.7000A	299
OIL PAN EFF. WITH 6D-6170	4.7000A	322
FRESH WATER PUMP THRU 6D-6434	5.1000	94
FRESH WATER PUMP EFF. WITH 6D-6435 AND THRU 6D-117050	5.1000	108
FRESH WATER PUMP EFF. WITH 6D-117051	5.1000	192
WATER OUTLET ELBOW	5.2000A	98
THERMOSTAT THRU 6D-6434	5.2000B	124
THERMOSTAT EFF. WITH 6D-6435 AND THRU 6D-117050	5.2000B	154
THERMOSTAT EFF. WITH 6D-117051	5.2000B	243
WATER BY-PASS TUBE	5.2000C	212
WATER CONNECTIONS	5.3000B	216
EXHAUST MANIFOLD	6.1000A	234
STARTING MOTOR 24V. THRU 6D-6169	7.3000A	206
STARTING MOTOR 24V. EFF. WITH 6D-6170	7.3000A	260
TACHOMETER DRIVE STD. EQUIP. PRIOR TO 6D-6170	7.4000B	344
AIR HEATER	7.8000A	157

DETROIT DIESEL 53 MPC ENGINES

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STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK THRU 6D-233419	1.1000	31
CYLINDER BLOCK EFF. WITH 6D-233420	1.1000	146
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.2000A	44
ENGINE LIFTER BRACKET	1.2000A	•
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	•
CRANKSHAFT PULLEY	1.3000C	•
CRANKSHAFT PULLEY BELT	1.3000D	•
FLYWHEEL	1.4000A	•
FLYWHEEL HOUSING	1.5000A	•
CONNECTING ROD AND PISTON STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	1.6000	62
CONNECTING ROD AND PISTON	1.6000	•
CAMSHAFT AND GEAR TRAIN	1.7000	35
BALANCE WEIGHT COVER	1.7000A	•
VALVE OPERATING MECHANISM THRU 6D-196534	1.8000	33
VALVE OPERATING MECHANISM EFF. WITH 6D-196535	1.8000	164
ROCKER COVER	1.8000A	•
FUEL INJECTOR	2.1000A	•
FUEL PUMP	2.2000	•
FUEL FILTER	2.3000A	•
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	•
MECHANICAL GOVERNOR	2.7000A	•
INJECTOR CONTROLS THRU 6D-171833	2.9000	122
INJECTOR CONTROLS EFF. WITH 6D-171834 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	2.9000	273
INJECTOR CONTROLS	2.9000	•
THROTTLE CONTROLS	2.9000A	•
AIR INLET HOUSING	3.3000A	•
BLOWER THRU 6D-196534	3.4000	127
BLOWER EFF. WITH 6D-196535 AND STD. EQUIP. PRIOR TO BEING SHOWN ON OPTION PLATE	3.4000	325
BLOWER	3.4000	•
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	•
OIL PRESSURE REGULATOR	4.1000C	•
OIL FILTER	4.2000A	•
OIL COOLER	4.4000A	•
OIL FILLER	4.5000A	•
DIPSTICK	4.6000A	•
OIL PAN	4.7000A	606
VENTILATING SYSTEM	4.8000A	•
FRESH WATER PUMP	5.1000	•
WATER OUTLET ELBOW	5.2000A	•
THERMOSTAT	5.2000B	•
WATER BY-PASS TUBE	5.2000C	•
WATER CONNECTIONS	5.3000B	•
FAN	5.4000A	•
EXHAUST MANIFOLD	6.1000A	•
EXHAUST MUFFLER CONNECTIONS	6.2000A	•
BATTERY CHARGING GENERATOR	7.1000A	•
STARTING MOTOR	7.3000A	•

• STANDARD OPTION REFER TO OPTION PLATE.

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	31
AIR BOX DRAINS THRU 6D-4948	1.1000A	48
AIR BOX DRAINS EFFECTIVE WITH 4D-4949	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	22
CRANKSHAFT FRONT COVER	1.3000A	63
CRANKSHAFT PULLEY	1.3000C	137
CRANKSHAFT PULLEY BELT	1.3000D	92
FLYWHEEL (ROCKFORD 14" RT CLUTCH)	1.4000A	376
FLYWHEEL (ROCKFORD 14" TT CLUTCH)	1.4000A	328
FLYWHEEL HOUSING	1.5000A	211
FLYWHEEL HOUSING	1.5000A	208
CONNECTING ROD AND PISTON	1.6000	35
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER (WITH OIL FILLER IN BOTH COVERS)	1.8000A	53
ROCKER COVER (WITH OIL FILLER IN ONE COVER)	1.8000A	64
FUEL INJECTOR	2.1000A	51
FUEL INJECTOR	2.1000A	52
FUEL PUMP (MOUNTED ON L. BANK CAMSHAFT)	2.2000	50
FUEL FILTER	2.3000A	221
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	523
MECHANICAL GOVERNOR (VARIABLE SPEED, LESS THROTTLE LEVER)	2.7000A	514
MECHANICAL GOVERNOR (VARIABLE SPEED WITH THROTTLE LEVER)	2.7000A	512
MECHANICAL GOVERNOR (LIMITING SPEED)	2.7000A	515
INJECTOR CONTROLS	2.9000	110
THROTTLE CONTROLS (VARIABLE SPEED GOVERNOR)	2.9000A	553
AIR CLEANER (HEAVY DUTY) (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	3.1000A	242
AIR INLET HOUSING (MANUAL SHUTDOWN)	3.3000A	186
BLOWER	3.4000	73
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	199
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER (MOUNTED ON BLOCK)	4.2000A	135
OIL FILTER (REMOTE MOUNTED)	4.2000A	144
OIL FILTER LINES (REMOTE MOUNTED FILTER, ADAPTOR ONLY)	4.3000A	93
OIL COOLER (ENGINE OIL ONLY)	4.4000A	302
OIL FILLER (IN BOTH ROCKER COVERS)	4.5000A	55
OIL FILLER (IN ONE ROCKER COVER)	4.5000A	18
DIPSTICK	4.6000A	140
OIL PAN (15 DEG. INCLINED OPERATION)	4.7000A	146
VENTILATING SYSTEM STD. EQUIP. PRIOR TO 6D-028	4.8000A	237
VENTILATING SYSTEM	4.8000A	251
FRESH WATER PUMP	5.1000	57
WATER OUTLET ELBOW (VERTICAL)	5.2000A	86
WATER OUTLET ELBOW (30 DEG. INCLINED)	5.2000A	87
THERMOSTAT	5.2000B	86
WATER BY-PASS TUBE	5.2000C	164
WATER CONNECTIONS	5.3000B	156
FAN (SUCTION, 22" - 5 BLADE)	5.4000A	362
FAN (BLOWER, 22" - 5 BLADE)	5.4000A	352
EXHAUST MANIFOLD (WITH MANUAL OR NO SHUTDOWN)	6.1000A	217
EXHAUST MANIFOLD (WITH MECHANICAL SHUTDOWN)	6.1000A	211
EXHAUST FLANGE (3" PIPE THREAD)	6.2000A	234
EXHAUST MUFFLER (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	6.2000A	175
BATTERY CHARGING GENERATOR (12V., 25 AMP.)	7.1000A	769
STARTING MOTOR (12V.)	7.3000A	204
INSTRUMENT PANEL (5' CAPILLARY)	7.4000A	372
INSTRUMENT PANEL (10' CAPILLARY)	7.4000A	373
INSTRUMENT PANEL (15' CAPILLARY)	7.4000A	374
INSTRUMENT PANEL (TACHOMETER ONLY) (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	7.4000A	415
TACHOMETER DRIVE (DRIVEN FROM R. BANK CAMSHAFT) (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	7.4000B	208

DETROIT DIESEL 53 MPC ENGINES

5063-7200

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
ENGINE MOUNTS (STATIONARY) (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	11.1000A	404
ENGINE MOUNTS (FRONT TRUNNION) (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	11.1000A	380
COLD WEATHER STARTING AID (FACTORY FURNISHED ONLY WHEN TYPE NUMBER APPEARS ON OPTION PLATE.)	12.6000C	3

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	31
AIR BOX DRAINS	1.1000A	62
CYLINDER HEAD	1.2000	26
ENGINE LIFTER BRACKET	1.2000A	44
CRANKSHAFT	1.3000	44
CRANKSHAFT FRONT COVER	1.3000A	65
CRANKSHAFT PULLEY	1.3000C	207
CRANKSHAFT PULLEY BELT	1.3000D	154
FLYWHEEL	1.4000A	705
FLYWHEEL HOUSING	1.5000A	340
CONNECTING ROD AND PISTON	1.6000	60
CAMSHAFT AND GEAR TRAIN	1.7000	35
VALVE OPERATING MECHANISM	1.8000	33
ROCKER COVER	1.8000A	171
FUEL INJECTOR	2.1000A	56
FUEL PUMP	2.2000	72
FUEL FILTER	2.3000A	530
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1101
FUEL TANK	2.6000A	22
MECHANICAL GOVERNOR	2.7000A	514
INJECTOR CONTROLS	2.9000	122
THROTTLE CONTROLS	2.9000A	826
AIR CLEANER	3.1000A	343
AIR INLET HOUSING	3.3000A	403
BLOWER	3.4000	127
BLOWER DRIVE SHAFT	3.4000A	17
OIL PUMP	4.1000A	51
OIL DISTRIBUTION SYSTEM	4.1000B	324
OIL PRESSURE REGULATOR	4.1000C	12
OIL FILTER	4.2000A	236
OIL COOLER	4.4000A	447
OIL FILLER	4.5000A	51
DIPSTICK	4.6000A	553
OIL PAN	4.7000A	241
VENTILATING SYSTEM	4.8000A	248
FRESH WATER PUMP	5.1000	133
WATER OUTLET ELBOW	5.2000A	86
THERMOSTAT	5.2000B	86
WATER BY-PASS TUBE	5.2000C	164
RADIATOR	5.3000A	130
WATER CONNECTIONS	5.3000B	279
FAN	5.4000A	738
FAN SHROUD	5.4000B	66
EXHAUST MANIFOLD	6.1000A	336
EXHAUST MUFFLER CONNECTIONS	6.2000A	361
INSTRUMENTS	7.4000A	784
OVERSPEED GOVERNOR	7.4000C	739
SHUT-OFF	7.4000C	738
POWER TAKE-OFF	8.1000A	320
ENGINE HOODS	10.1000A	134
ENGINE MOUNTS	11.1000A	568
ENGINE BASE	11.1000A	563
COLD WEATHER STARTING AID	12.6000C	57
HYDRAULIC STARTER	12.6000D	184

DETROIT DIESEL 53 MPC ENGINES

5082-500

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	T
CYLINDER BLOCK	1.1000	
AIR BOX DRAINS THRU 8D-434	1.1000A	
AIR BOX DRAINS EFF. WITH 8D-435	1.1000A	
CYLINDER HEAD	1.2000	
ENGINE LIFTER BRACKET	1.2000A	
CRANKSHAFT THRU 8D-151	1.3000	
CRANKSHAFT EFF. WITH 8D-152	1.3000	
CRANKSHAFT FRONT COVER THRU 8D-151	1.3000A	
CRANKSHAFT FRONT COVER EFF. WITH 8D-152	1.3000A	
CRANKSHAFT PULLEY	1.3000C	
FLYWHEEL	1.4000A	
FLYWHEEL HOUSING	1.5000A	
CONNECTING ROD AND PISTON	1.6000	
CAMSHAFT AND GEAR TRAIN THRU 8D-4650	1.7000	
CAMSHAFT AND GEAR TRAIN EFF. WITH 8D-4651	1.7000	
VALVE OPERATING MECHANISM	1.8000	
ROCKER COVER	1.8000A	
FUEL INJECTOR	2.1000A	
FUEL PUMP THRU 8D-4719	2.2000	
FUEL PUMP EFF. WITH 8D-4720 AND THRU 8D-6784	2.2000	
FUEL PUMP EFF. WITH 8D-6785	2.2000	
FUEL FILTER THRU 8D-1159	2.3000A	
FUEL FILTER EFF. WITH 8D-1160	2.3000A	
FUEL MANIFOLD CONNECTIONS	2.4000	
FUEL LINES THRU 8D-336	2.5000A	
FUEL LINES EFF. WITH 8D-337 AND THRU 8D-607	2.5000A	
FUEL LINES EFF. WITH 8D-608 AND THRU 8D-1211	2.5000A	1
FUEL LINES EFF. WITH 8D-1212 AND THRU 8D-2700	2.5000A	1
FUEL LINES EFF. WITH 8D-2701	2.5000A	1
FUEL LINES	2.5000A	1
MECHANICAL GOVERNOR	2.7000A	
INJECTOR CONTROLS	2.9000	
THROTTLE CONTROLS	2.9000A	
AIR SILENCER	3.2000A	
AIR INLET HOUSING	3.3000A	
BLOWER THRU 8D-4507	3.4000	
BLOWER EFF. WITH 8D-4508 AND THRU 8D-4650	3.4000	
BLOWER EFF. WITH 8D-4651	3.4000	
BLOWER DRIVE SHAFT	3.4000A	
OIL PUMP THRU 8D-173	4.1000A	
OIL PUMP EFF. WITH 8D-174 AND THRU 8D-4610	4.1000A	
OIL PUMP EFF. WITH 8D-4611	4.1000A	
OIL DISTRIBUTION SYSTEM	4.1000B	
OIL PRESSURE REGULATOR	4.1000C	
OIL FILTER	4.2000A	
OIL FILTER LINES	4.3000A	
OIL COOLER (ENGINE)	4.4000A	
OIL COOLER (MARINE GEAR)	4.4000A	
OIL FILLER	4.5000A	
DIPSTICK	4.6000A	
OIL PAN	4.7000A	
VENTILATING SYSTEM	4.8000A	
FRESH WATER PUMP THRU 8D-3940	5.1000	
FRESH WATER PUMP EFF. WITH 8D-3941	5.1000	
THERMOSTAT	5.2000B	
WATER BY-PASS TUBE	5.2000C	
WATER CONNECTIONS	5.3000B	
HEAT EXCHANGER	5.5000A	
RAW WATER PUMP	5.6000A	
EXHAUST MANIFOLD THRU 8D-3520	6.1000A	
EXHAUST MANIFOLD EFF. WITH 8D-3521	6.1000A	
EXHAUST MUFFLER CONNECTIONS	6.2000A	
BATTERY CHARGING GENERATOR	7.1000A	1
STARTING MOTOR	7.3000A	
HYDRAULIC MARINE GEAR	9.1000A	
ENGINE MOUNTS	11.1000A	

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TYPE
CYLINDER BLOCK	1.1000	65
AIR BOX DRAINS THRU 8D-434	1.1000A	68
AIR BOX DRAINS EFF. WITH 8D-435	1.1000A	84
CYLINDER HEAD	1.2000	61
ENGINE LIFTER BRACKET STD. EQUIP. PRIOR TO 8D-115	1.2000A	97
CRANKSHAFT THRU 8D-151	1.3000	36
CRANKSHAFT EFF. WITH 8D-152	1.3000	40
CRANKSHAFT FRONT COVER	1.3000A	89
CRANKSHAFT PULLEY	1.3000C	261
CRANKSHAFT PULLEY BELT	1.3000D	185
FLYWHEEL	1.4000A	573
FLYWHEEL HOUSING	1.5000A	381
CONNECTING ROD AND PISTON	1.6000	68
CAMSHAFT AND GEAR TRAIN THRU 8D-4650	1.7000	62
CAMSHAFT AND GEAR TRAIN EFF. WITH 8D-4651	1.7000	106
VALVE OPERATING MECHANISM	1.8000	50
ROCKER COVER	1.8000A	183
FUEL INJECTOR	2.1000A	76
FUEL PUMP	2.2000	140
FUEL FILTER	2.3000A	329
FUEL MANIFOLD CONNECTIONS	2.4000	48
FUEL LINES	2.5000A	1341
MECHANICAL GOVERNOR	2.7000A	900
INJECTOR CONTROLS	2.9000	136
THROTTLE CONTROLS	2.9000A	712
AIR INLET HOUSING	3.3000A	151
BLOWER	3.4000	95
BLOWER DRIVE SHAFT	3.4000A	31
OIL PUMP	4.1000A	130
OIL DISTRIBUTION SYSTEM	4.1000B	301
OIL PRESSURE REGULATOR	4.1000C	16
OIL FILTER	4.2000A	236
OIL COOLER	4.4000A	415
OIL FILLER	4.5000A	18
DIPSTICK	4.6000A	515
OIL PAN	4.7000A	361
VENTILATING SYSTEM	4.8000A	533
FRESH WATER PUMP THRU 8D-3884	5.1000	97
FRESH WATER PUMP EFF. WITH 8D-3885	5.1000	153
WATER OUTLET ELBOW	5.2000A	106
THERMOSTAT STD. EQUIP. PRIOR TO 8D-2556	5.2000B	86
WATER BY-PASS TUBE	5.2000C	216
FAN	5.4000A	573
EXHAUST MANIFOLD	6.1000A	218
EXHAUST MUFFLER CONNECTIONS	6.2000A	243
BATTERY CHARGING GENERATOR 24V., 30 AMP.	7.1000A	1101
STARTING MOTOR	7.3000A	35
INSTRUMENTS	7.4000A	372

STANDARD AND STANDARD OPTION EQUIPMENT

GROUP NAME	GROUP NO.	TY
CYLINDER BLOCK	1.1000	1
AIR BOX DRAINS	1.1000A	
CYLINDER HEAD	1.2000	
ENGINE LIFTER BRACKET	1.2000A	1
CRANKSHAFT	1.3000	
CRANKSHAFT FRONT COVER	1.3000A	1
FLYWHEEL	1.4000A	7
FLYWHEEL HOUSING	1.5000A	4
CONNECTING ROD AND PISTON	1.6000	1
CAMSHAFT AND GEAR TRAIN	1.7000	
VALVE OPERATING MECHANISM	1.8000	
ROCKER COVER	1.8000A	2
FUEL INJECTOR THRU 8D-4568	2.1000A	
FUEL INJECTOR EFF. WITH 8D-4569. STD. EQUIP. THRU 8D-5783	2.1000A	1
FUEL PUMP THRU 8D-4704	2.2000	1
FUEL PUMP EFF. WITH 8D-4705	2.2000	1
FUEL FILTER	2.3000A	5
FUEL MANIFOLD CONNECTIONS	2.4000	
FUEL LINES THRU 8D-4666	2.5000A	10
FUEL LINES EFF. WITH 8D-4667	2.5000A	13
MECHANICAL GOVERNOR	2.7000A	12
INJECTOR CONTROLS	2.9000	1
AIR INLET HOUSING	3.3000A	4
BLOWER	3.4000	1
BLOWER DRIVE SHAFT	3.4000A	
TURBOCHARGER	3.5000A	1
OIL PUMP	4.1000A	1
OIL DISTRIBUTION SYSTEM	4.1000B	3
OIL PRESSURE REGULATOR	4.1000C	
OIL FILTER	4.2000A	1
OIL COOLER	4.4000A	5
OIL FILLER	4.5000A	
DIPSTICK	4.6000A	6
OIL PAN	4.7000A	5
VENTILATING SYSTEM	4.8000A	5
FRESH WATER PUMP	5.1000	1
THERMOSTAT	5.2000B	1
WATER BY-PASS TUBE	5.2000C	2
WATER CONNECTIONS	5.3000B	2
EXHAUST MANIFOLD	6.1000A	3
STARTING MOTOR	7.3000A	2
TACHOMETER DRIVE STD. EQUIP. PRIOR TO 8D-6730	7.4000B	
AIR HEATER	7.8000A	1

GROUP NOMENCLATURE

1.0000	ENGINE (less major assemblies)	5.0000	COOLING SYSTEM (CONT'D)
1.1000	Cylinder Block	5.3000B	Water Connections
1.1000A	Air Box Drains	5.4000A	Fan
1.2000	Cylinder Head	5.4000B	Fan Shroud
1.2000A	Engine Lifter Bracket	5.5000A	Heat Exchanger or Keel Cooling
1.3000	Crankshaft, Oil Seals and Stabilizers	5.6000A	Raw Water Pump
1.3000A	Crankshaft Front Cover	5.7000A	Water Filter
1.3000B	Vibration Damper		
1.3000C	Crankshaft Pulley	6.0000	EXHAUST SYSTEM
1.3000D	Crankshaft Pulley Belt	6.1000A	Exhaust Manifold and/or Connections
1.4000A	Flywheel	6.2000A	Exhaust Muffler and/or Connections
1.5000A	Flywheel Housing		
1.5000B	Flywheel Housing Adaptor	7.0000	ELECTRICAL INSTRUMENTS
1.6000	Connecting Rod and Piston	7.1000A	Battery Charging Generator
1.7000	Camshaft and Gear Train	7.2000A	Battery Cables
1.7000A	Balance Weight Cover	7.2000B	Automatic Starting
1.7000B	Accessory Drive	7.2000C	Automatic Starting (Twin and Quad)
1.8000	Valve Injector Operating Mechanism	7.3000A	Starting Motor
1.8000A	Rocker Cover	7.4000A	Instruments
		7.4000A	Instruments (Twin and Quad)
2.0000	FUEL SYSTEM	7.4000B	Tachometer Drive
2.1000A	Fuel Injector	7.4000B	Tachometer Drive (Twin and Quad)
2.1000B	Electronic Injector Controls	7.4000C	Shutoff, Alarm and O.S. Governor
2.2000	Fuel Pump	7.4000C	Shutoff, Alarm and O.S. Governor (Twin and Quad)
2.2000A	Fuel Pump Drain	7.5000A	Power Generator
2.3000A	Fuel Filter and Strainer	7.6000A	Control Cabinet
2.3000A	Fuel Filter and Strainer (Twin and Quad)	7.6000A	Control Cabinet (Twin and Quad)
2.4000	Fuel Manifold and/or Connections	7.7000A	Wiring Harness
2.4000A	Dual Fuel System	7.8000A	Air Heater
2.5000A	Fuel Lines and Fuel Cooler	7.8000A	Air Heater (Twin and Quad)
2.5000A	Fuel Lines and Fuel Cooler (Twin and Quad)	7.10000A	Hydraulic Governor Solenoid
2.6000A	Fuel Tank		
2.6000B	Electric Governor	8.0000	POWER TAKE-OFF
2.7000A	Mechanical Governor	8.1000A	Power Take-off and/or Clutch
2.8000A	Hydraulic Governor	8.1000A	Power Take-off and/or Clutch (Twin and Quad)
2.9000	Injector Controls	8.3000A	Torque Converter
2.9000	Injector Controls (Twin and Quad)	8.3000A	Torque Converter (Twin and Quad)
2.9000A	Throttle Controls	8.3000B	Transmission Lines
2.9000A	Throttle Controls (Twin and Quad)		
3.0000	AIR SYSTEM	9.0000	TRANSMISSION AND PROPULSION
3.1000A	Air Cleaner and/or Adaptor	9.1000A	Hydraulic Marine Gear
3.2000A	Air Silencer	9.1000A	Hydraulic Marine Gear (Twin and Quad)
3.3000A	Air Inlet Housing	9.2000A	Reverse and Reduction Gear (mechanical)
3.3000C	Air Intake Manifold	9.3000A	Power Transfer Gear
3.4000	Blower and Drive	9.3000A	Power Transfer Gear (Twin and Quad)
3.4000A	Blower Drive Shaft	9.4000	Transmission—Highway
3.4000B	Blower End Plate Cover	9.7000	Transmission—Off-highway
3.5000A	Turbocharger, Intercooler, and Aftercooler	9.9000	Transmission—Rail Car
4.0000	LUBRICATING SYSTEM	10.0000	SHEET METAL
4.1000A	Oil Pump	10.1000A	Engine Hood
4.1000B	Oil Distribution System		
4.1000C	Oil Pressure Regulator	11.0000	ENGINE MOUNTING
4.2000A	Oil Filter	11.1000A	Engine Mounting and Base
4.2000A	Oil Filter Lines	11.1000A	Engine Mounting and Base (Twin and Quad)
4.4000A	Oil Cooler and Marine Gear Lines		
4.5000A	Oil Filler	12.0000	MISCELLANEOUS
4.6000A	Dipstick	12.2000A	Bilge Pump
4.7000A	Oil Pan	12.3000A	Vacuum Pump
4.8000A	Ventilating System	12.4000A	Air Compressor
		12.5000A	Hydraulic Pump
5.0000	COOLING SYSTEM	12.6000A	Gasoline Starter
5.1000	Fresh Water Pump	12.6000B	Air Starter
5.1000A	Fresh Water Pump Cover	12.6000C	Cold Weather Starting Aid
5.2000A	Water Outlet Manifold and/or Elbow	12.6000D	Hydraulic Starter
5.2000B	Thermostat	12.6000E	Hydraulic Starter Accessories
5.2000C	Water Bypass Tube	12.8000A	Supplies
5.3000A	Radiator	12.8000B	Fabrication Material
		12.8000C	Miscellaneous Service Kits and Sets
		12.8000D	Miscellaneous Service Parts

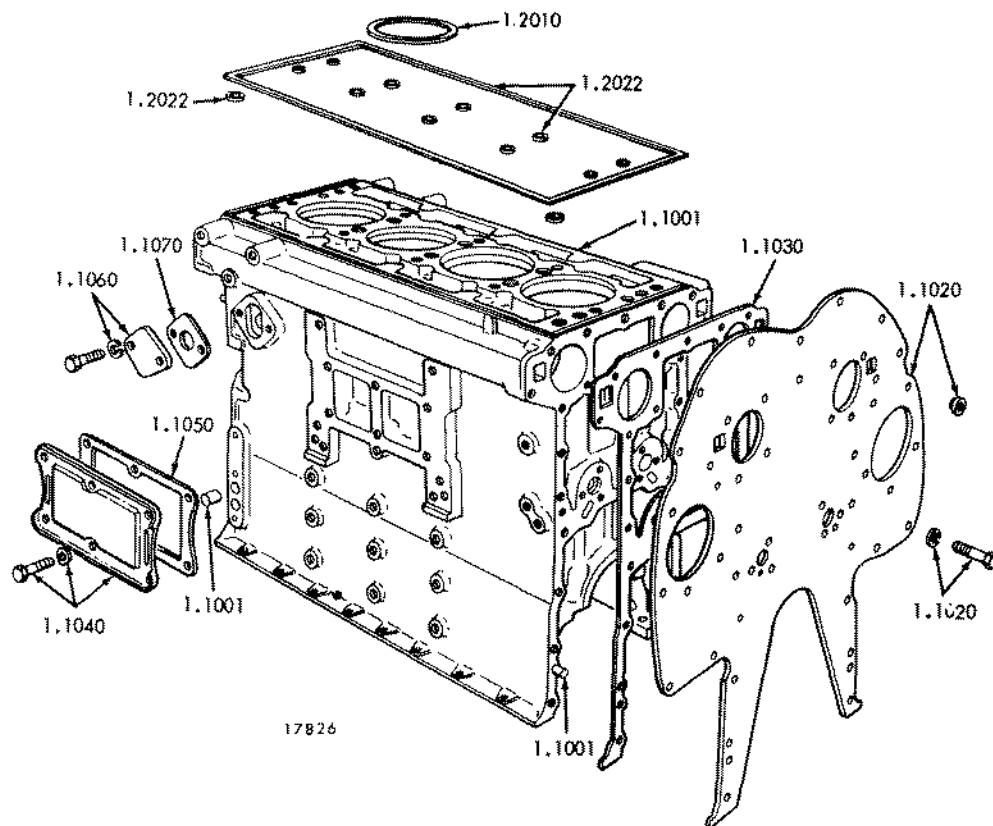


FIG. 1A - CYLINDER BLOCK (IN-LINE MODELS)

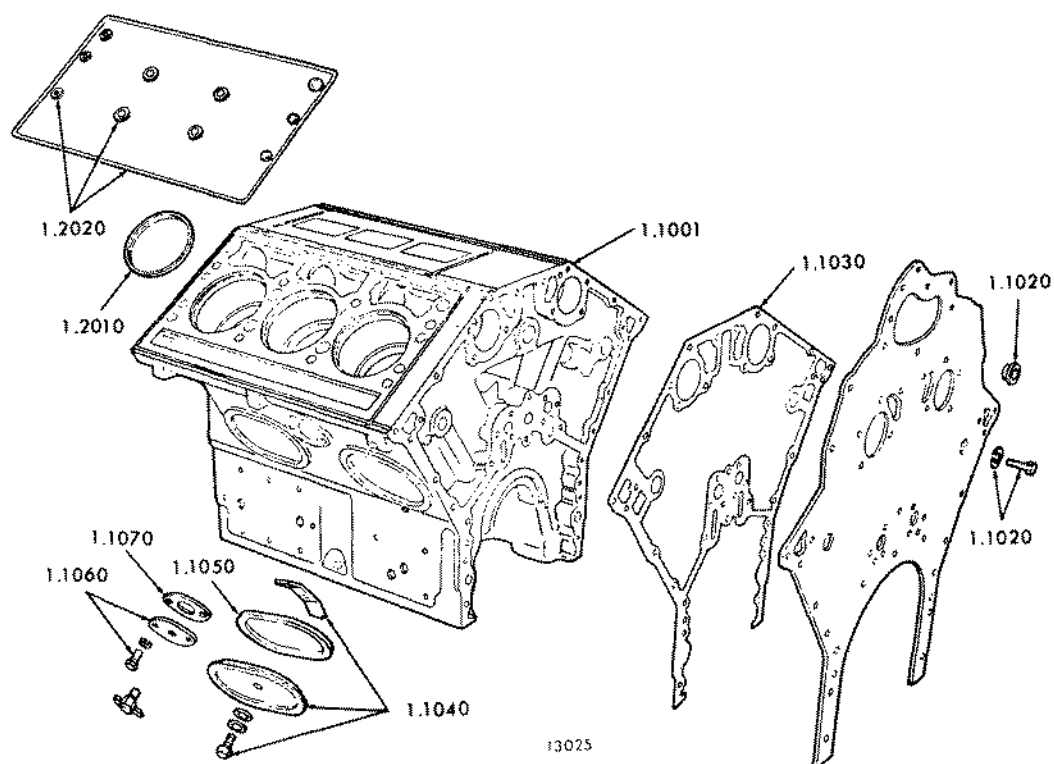


FIG. 1B - CYLINDER BLOCK (V-MODELS)

Figs. 1A & 1B of 1.0000

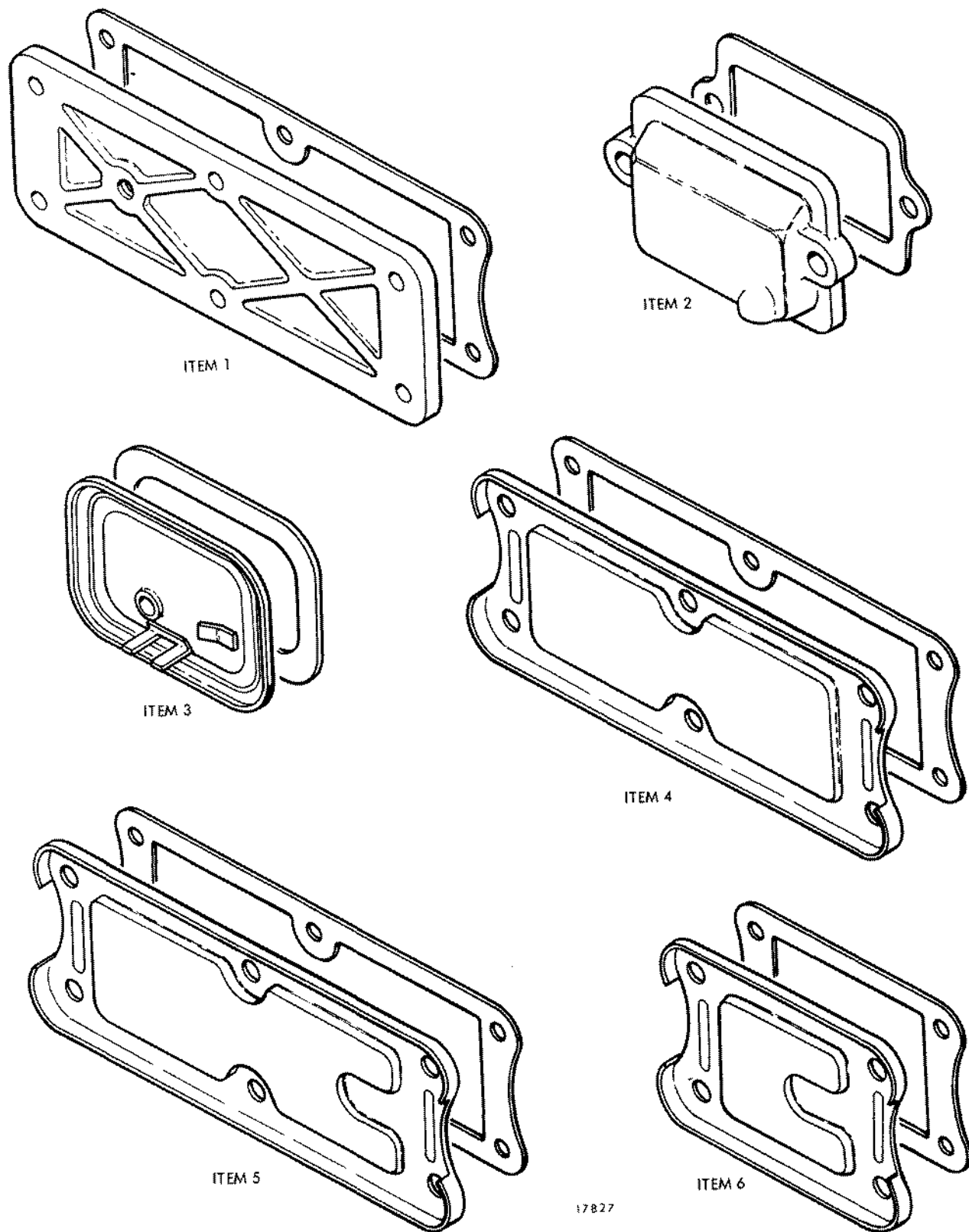


FIG. 1C - CYLINDER BLOCK HAND HOLE COVER

Fig. 1C of 1.0000

JULY, 1981

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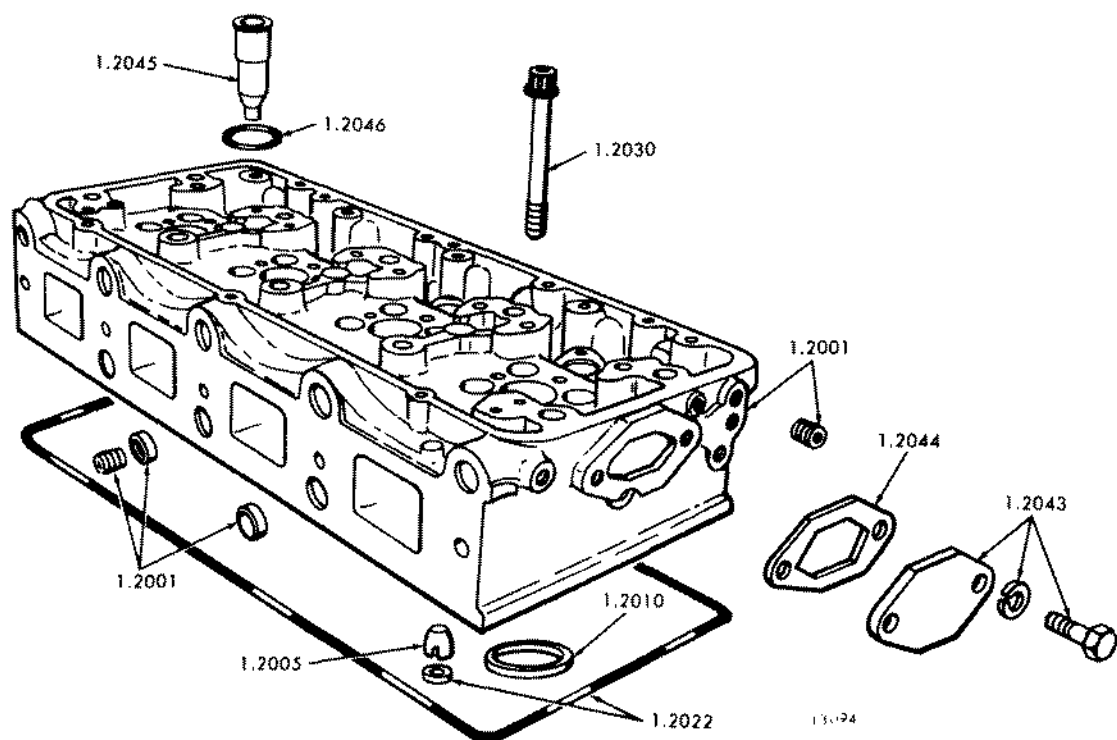


FIG. 2A CYLINDER HEAD

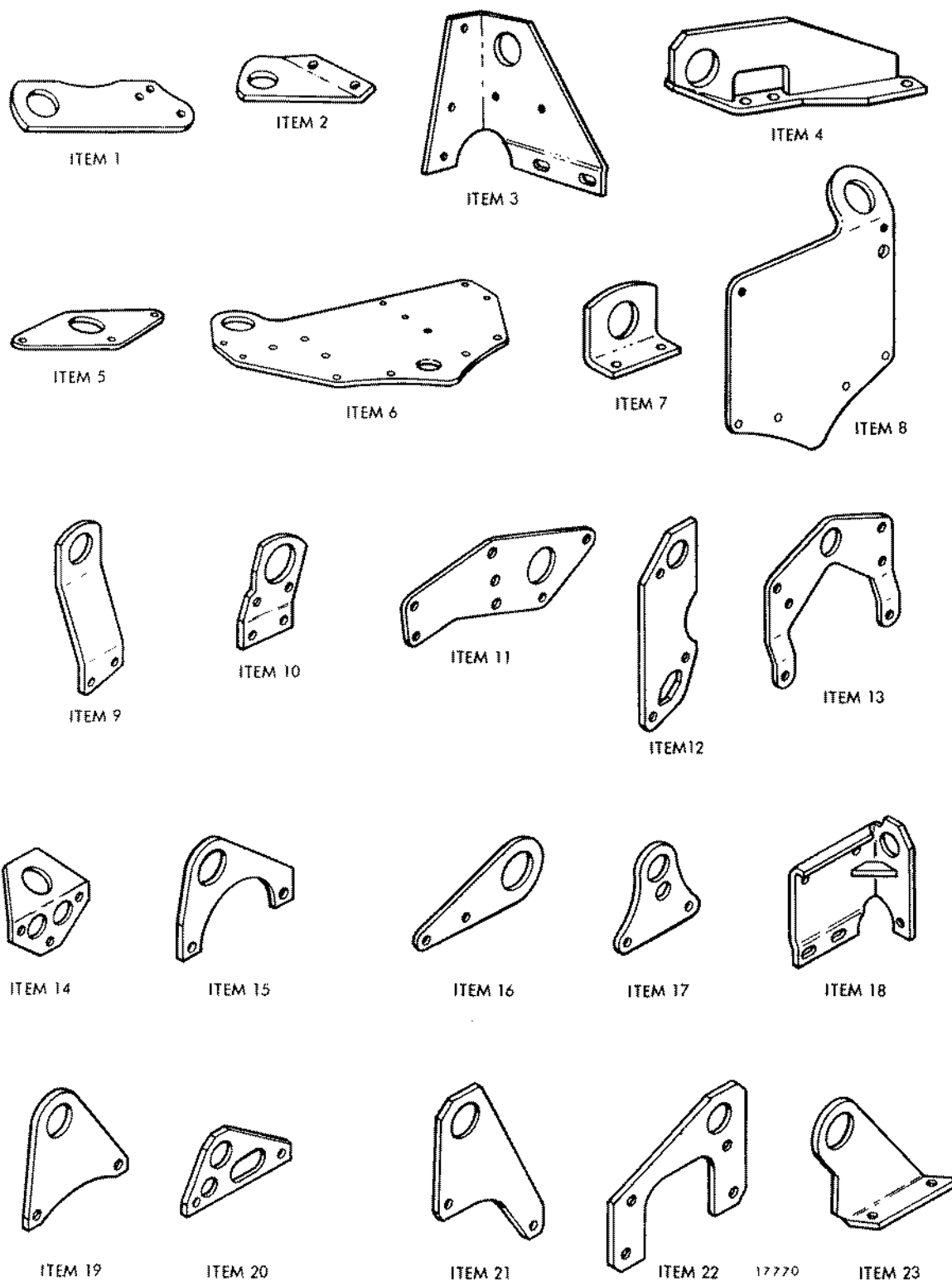


FIG. 2B LIFTER BRACKETS

Fig. 2B of 1.0000

April, 1982

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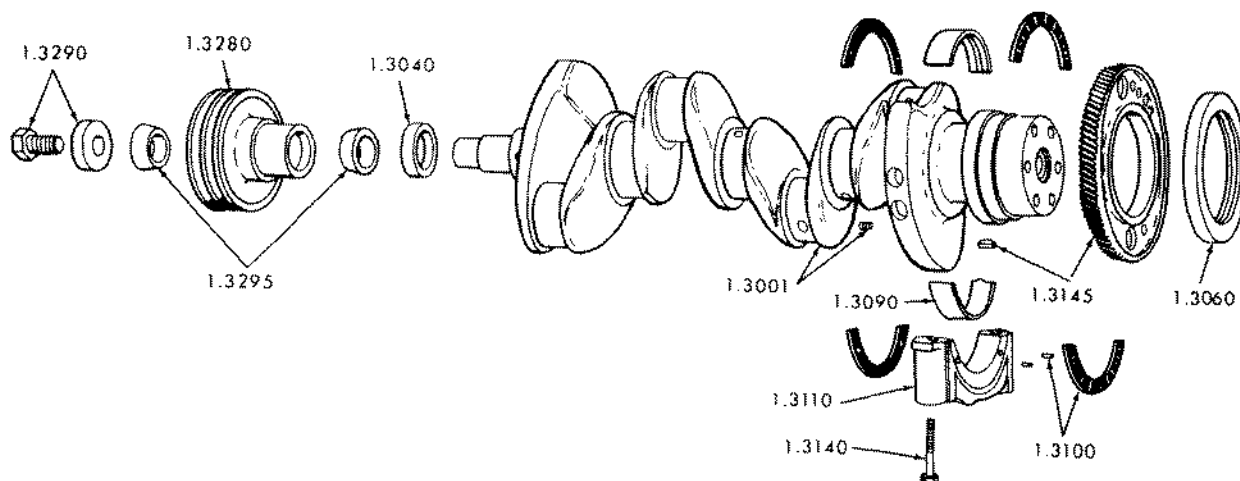


FIG. 3A - CRANKSHAFT (4-53)

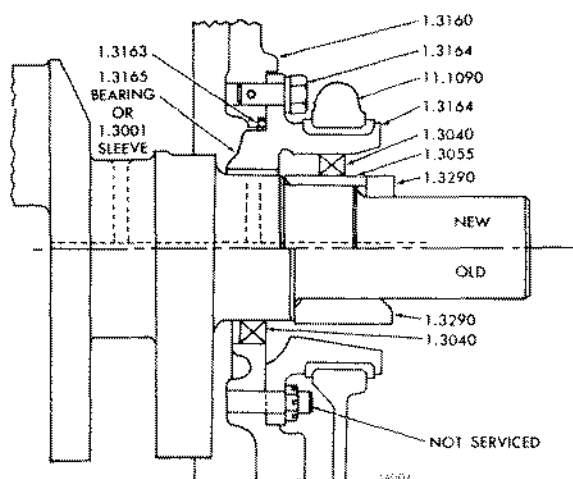


FIG. 3B-CRANKSHAFT (8V-53)

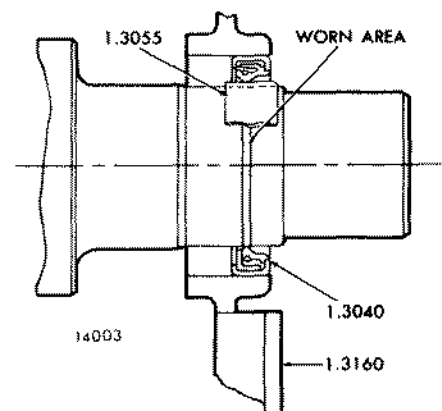


FIG. 3C-CRANKSHAFT (2-3-4-6V-53)

Figs. 3A, 3B of 3C of 1.0000

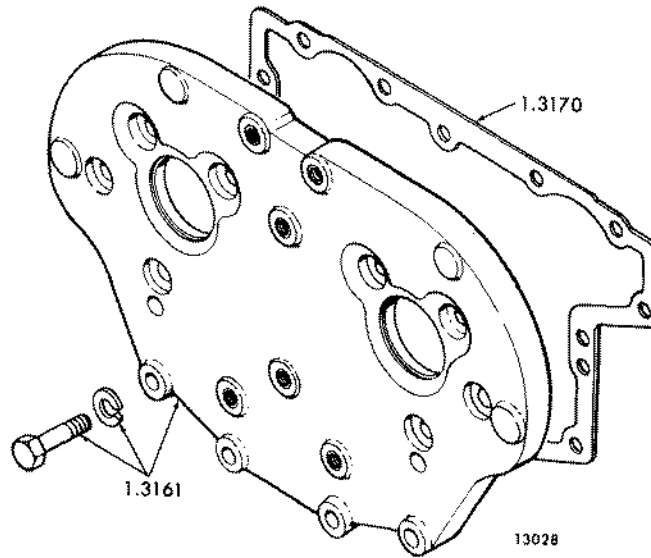


FIG. 4A - UPPER FRONT COVER (IN-LINE MODELS)

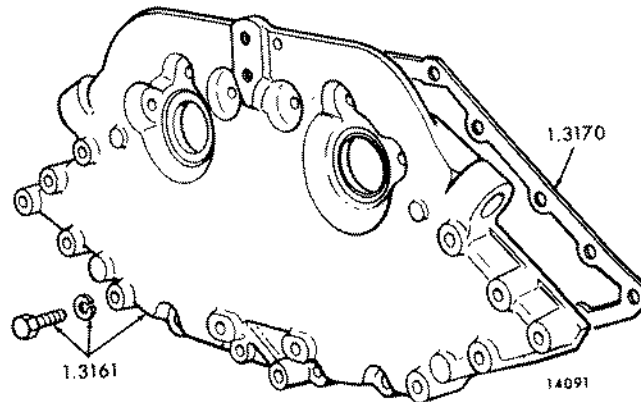


FIG. 4B - UPPER FRONT COVER (6V-MODELS)

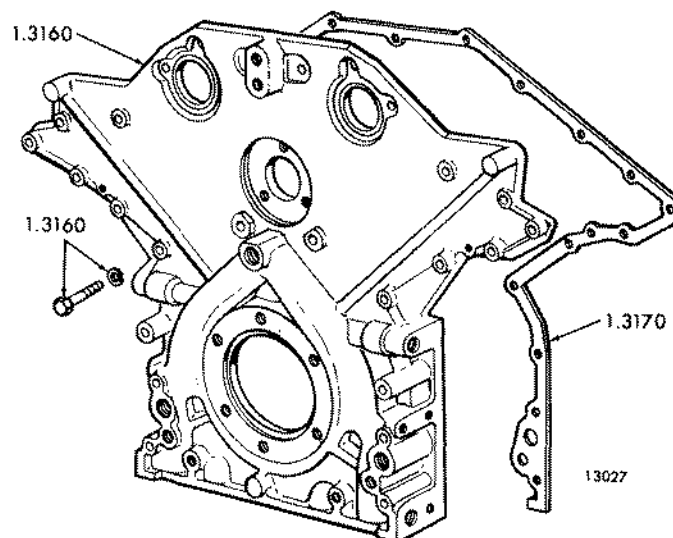


FIG. 4C - FRONT COVER (8V-MODELS)

Figs. 4A, 4B & 4C 1.0000

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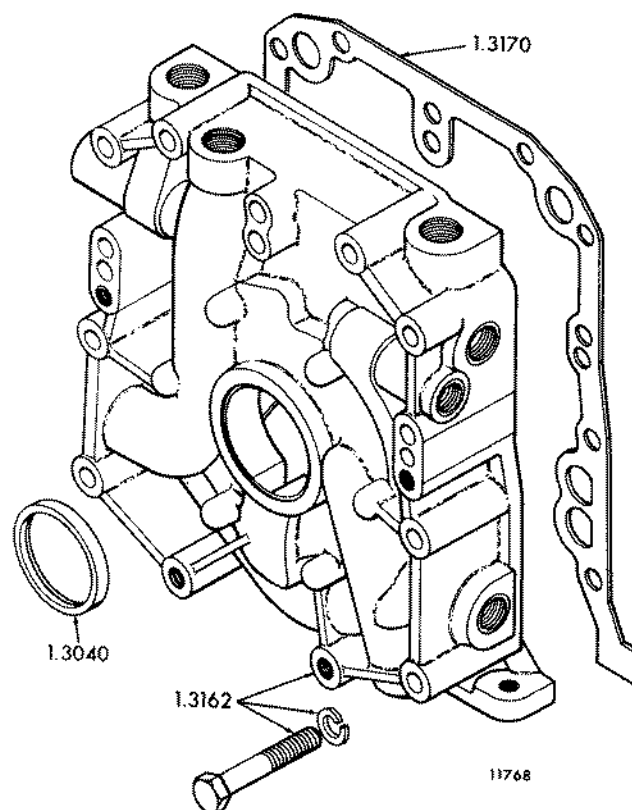


FIG. 4D - LOWER FRONT COVER (IN-LINE MODELS)

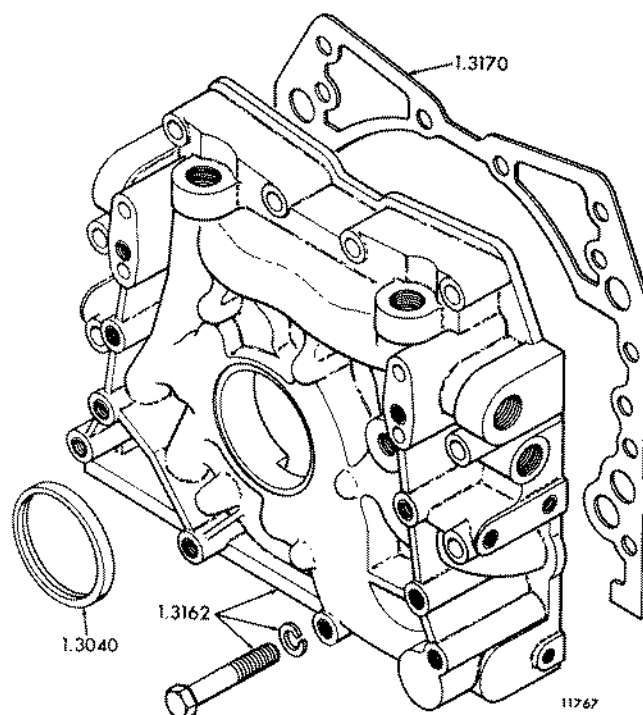


FIG. 4E - LOWER FRONT COVER (6V-MODELS)

Figs. 4D & 4E of 1.0000

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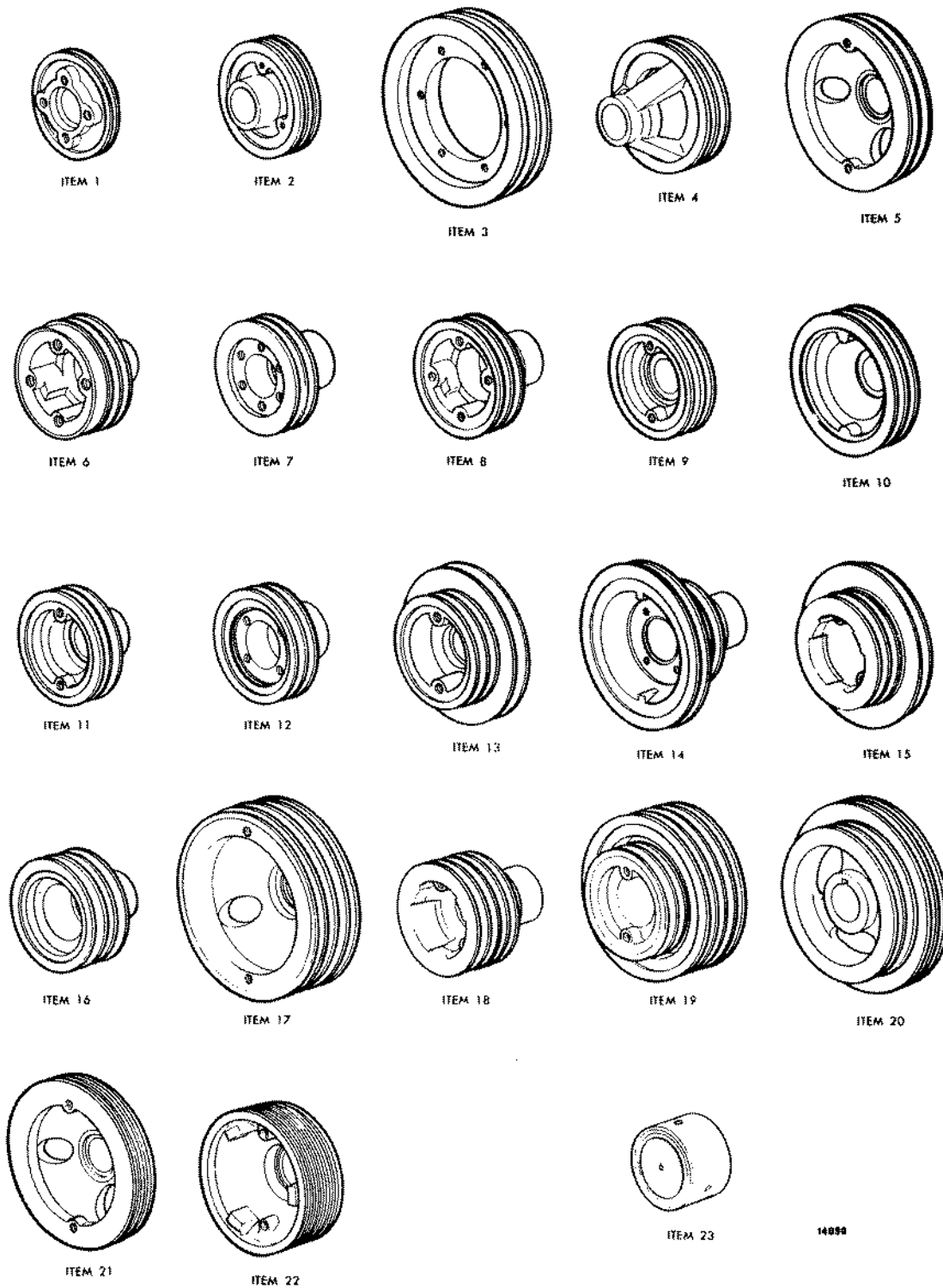


FIG. 4F - CRANKSHAFT PULLEYS

Fig. 4F of 1.0000

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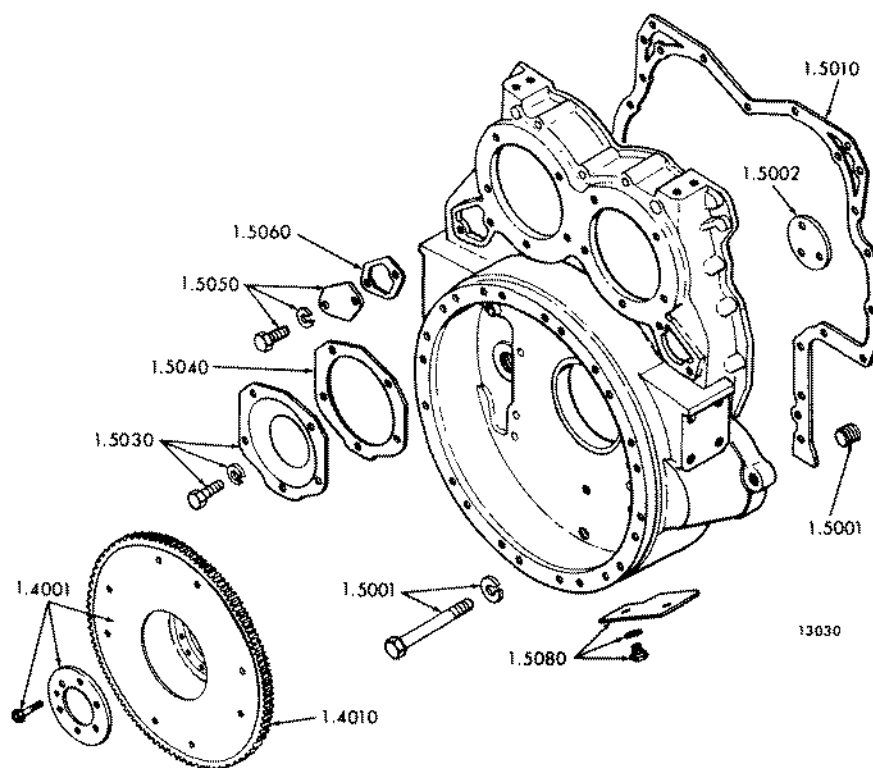


FIG. 5A - FLYWHEEL AND FLYWHEEL HOUSING (IN-LINE MODELS)

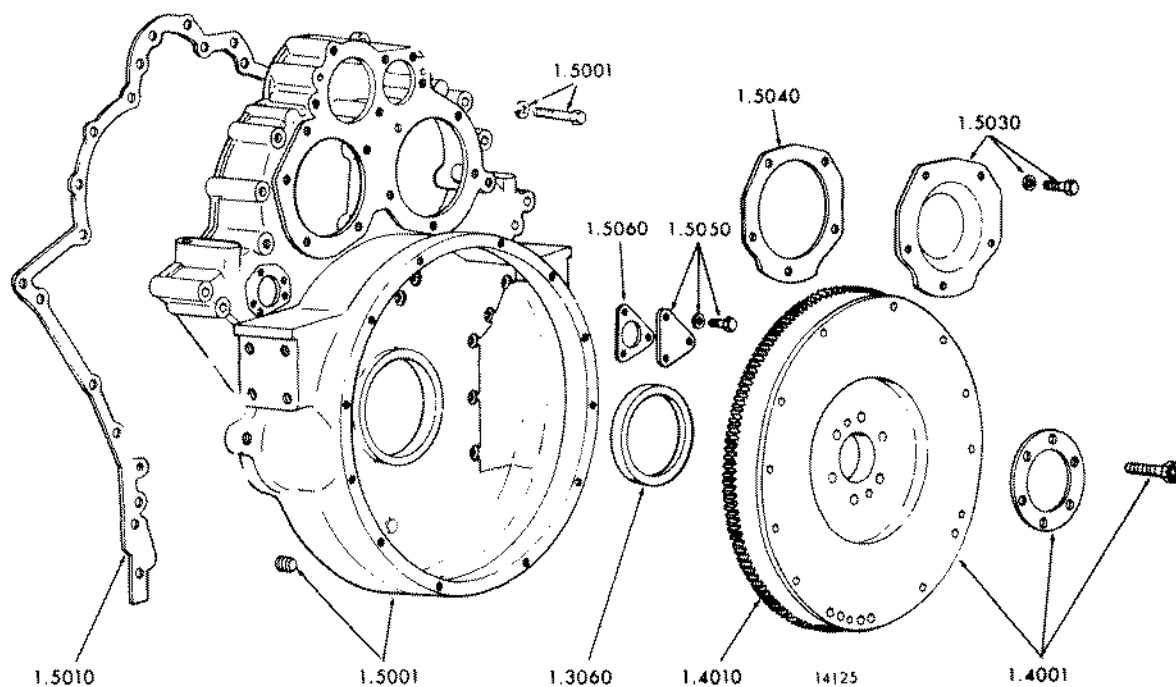


FIG. 5B - FLYWHEEL AND FLYWHEEL HOUSING (V-MODELS)

Figs. 5A & 5B of 1.0000

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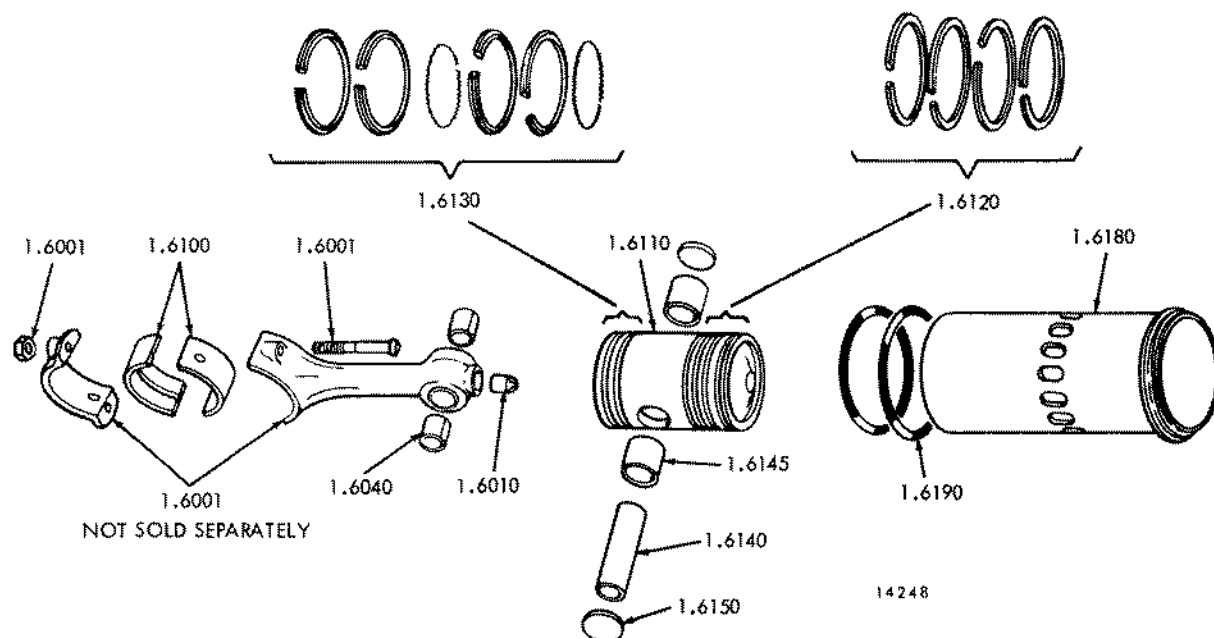


FIG. 6A CONNECTING ROD, PISTON AND LINER

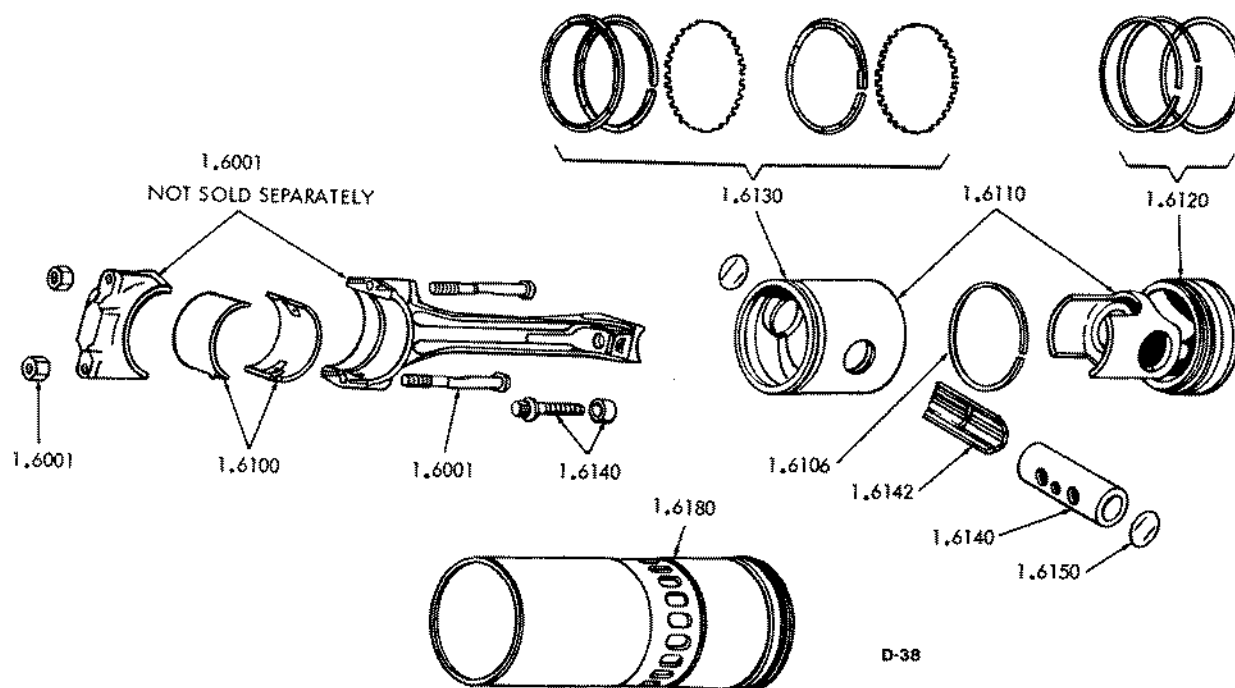


FIG. 6B CONNECTING ROD, PISTON AND LINER (CROSS HEAD)

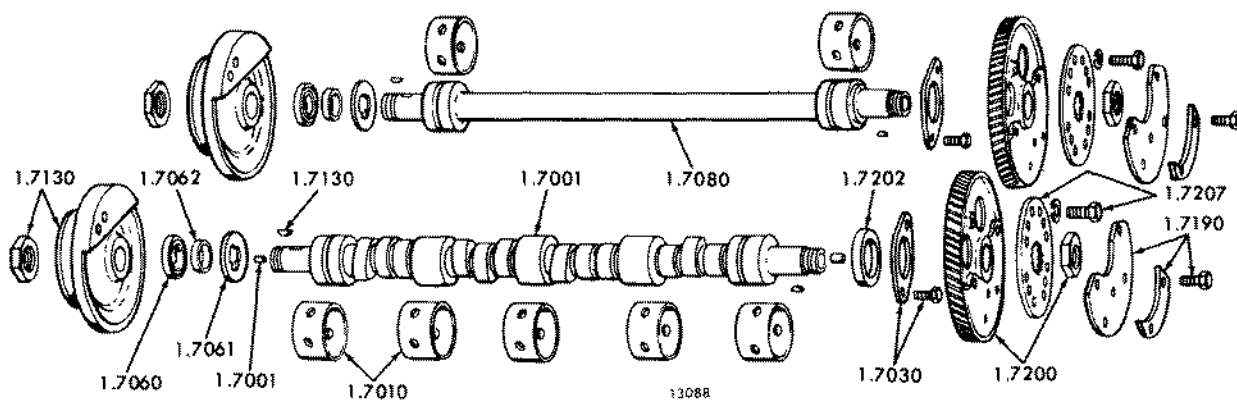


FIG. 7A - CAMSHAFT (IN-LINE MODELS)

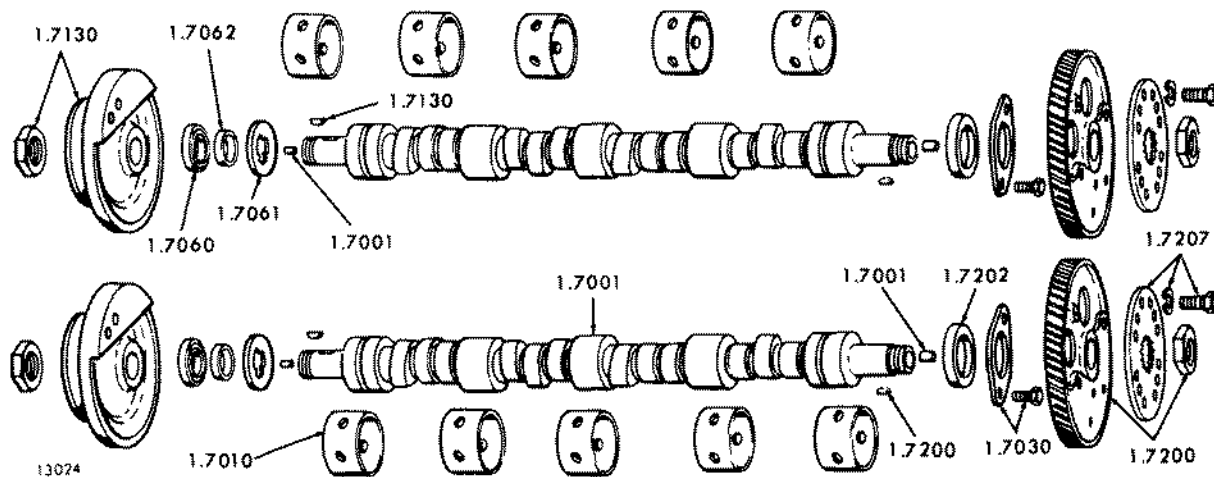


FIG. 7B - CAMSHAFT (V-MODELS)

Figs. 7A & 7B of 1.0000

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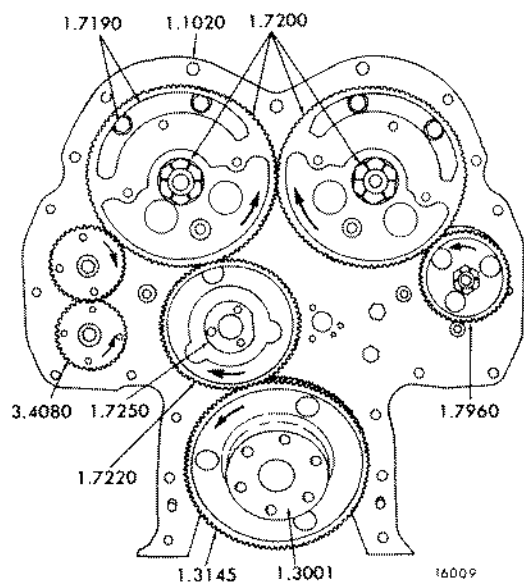


FIG. 7C-GEAR TRAIN (IN-LINE MODELS)

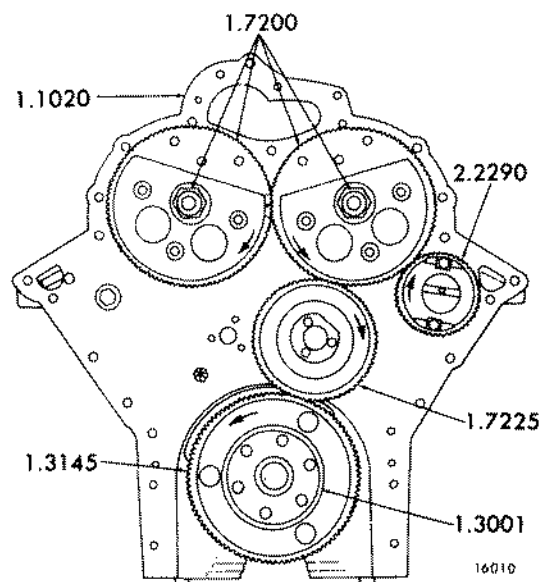


FIG. 7D-GEAR TRAIN (6V-MODELS)

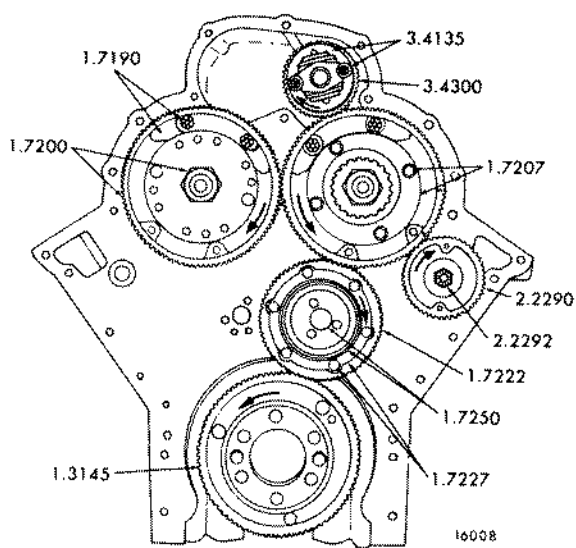


FIG. 7E - GEAR TRAIN (8V-MODELS)

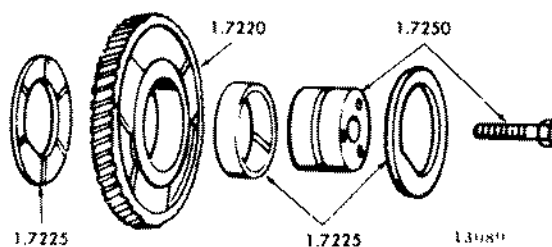


FIG. 7F - IDLER GEAR

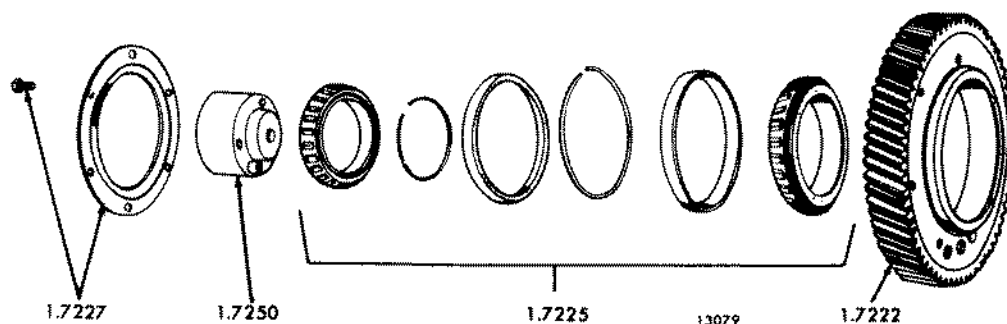


FIG. 7G - IDLER GEAR (8V - MODELS)

Figs. 7C, 7D, 7E, 7F & 7G of 1.0000

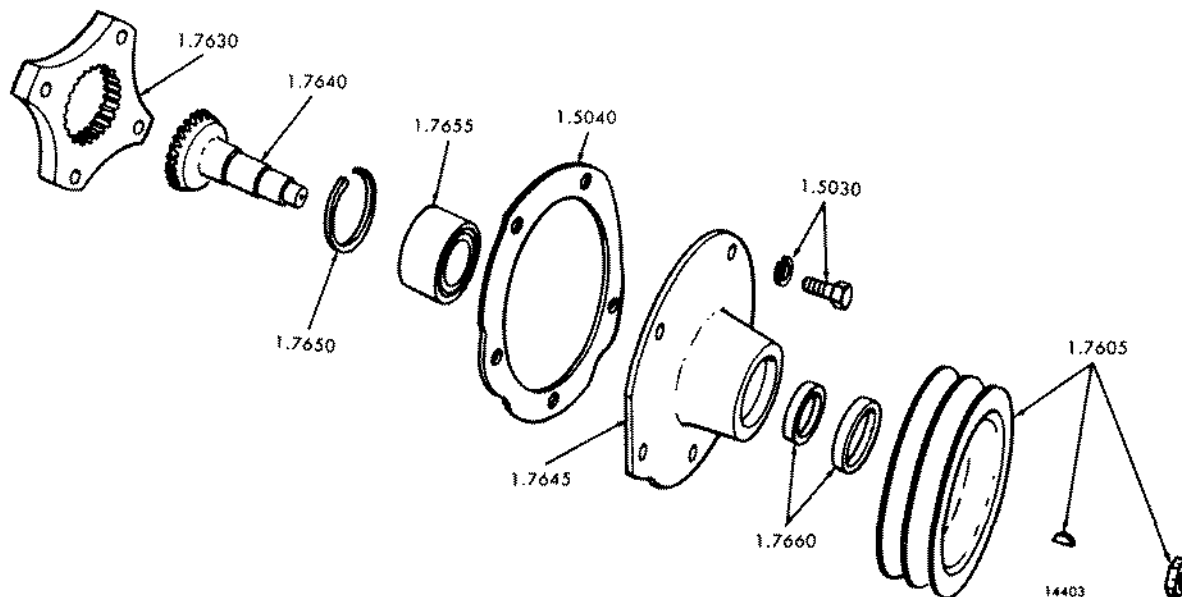


FIG. 8A - ACCESSORY DRIVE (DOUBLE BELT)

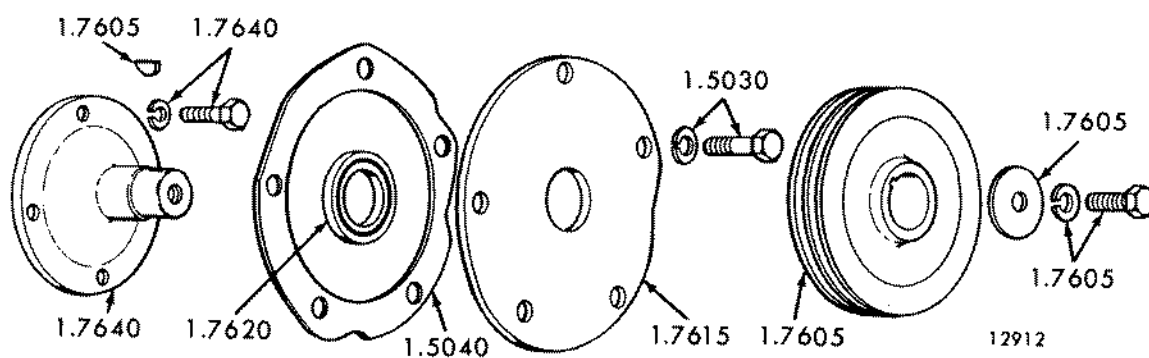


FIG. 8B - ACCESSORY DRIVE (SINGLE BELT)

Figs. 8A & 8B of 1.0000

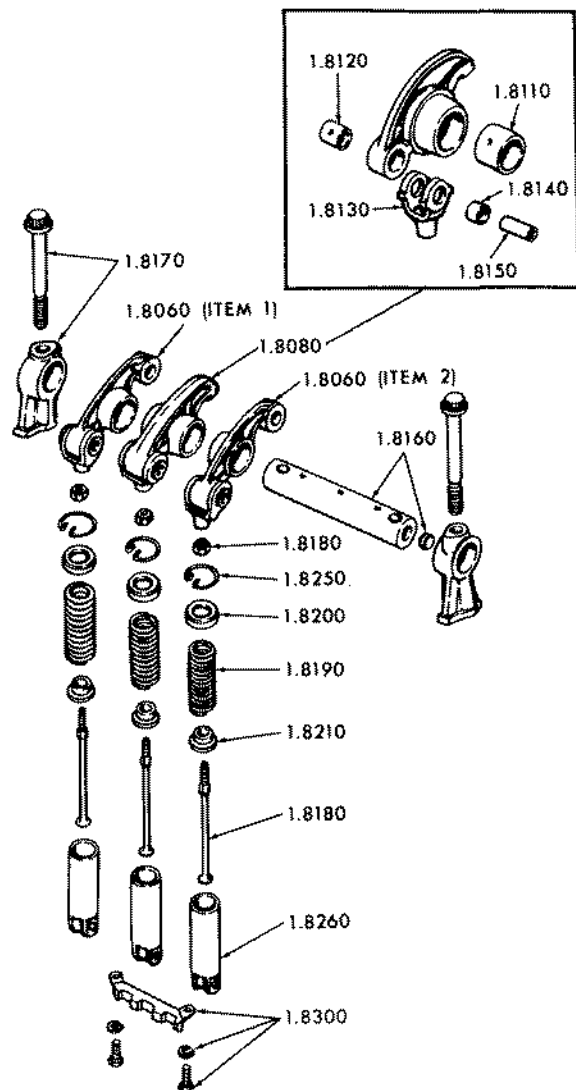


FIG. 9A
Valve and Injector
Operating Mechanism

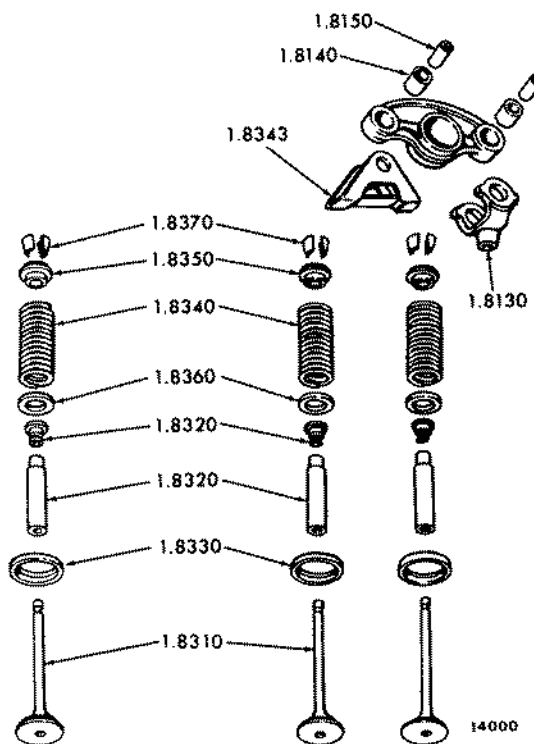


FIG. 9B
2 Valve

FIG. 9C
4 Valve
(with Bridge)

VALVE OPERATING MECHANISM

Figs. 9A, 9B & 9C of 1.0000

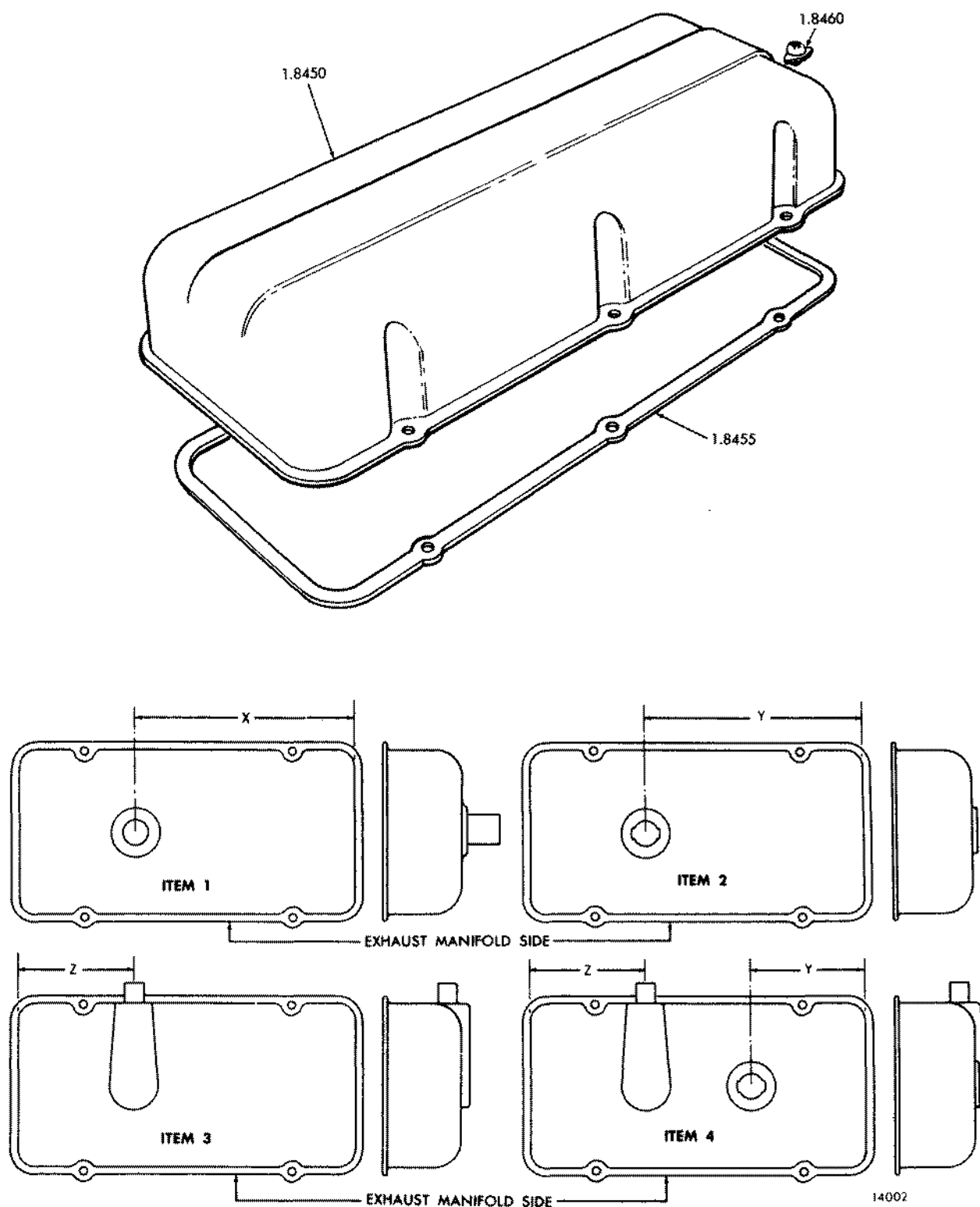
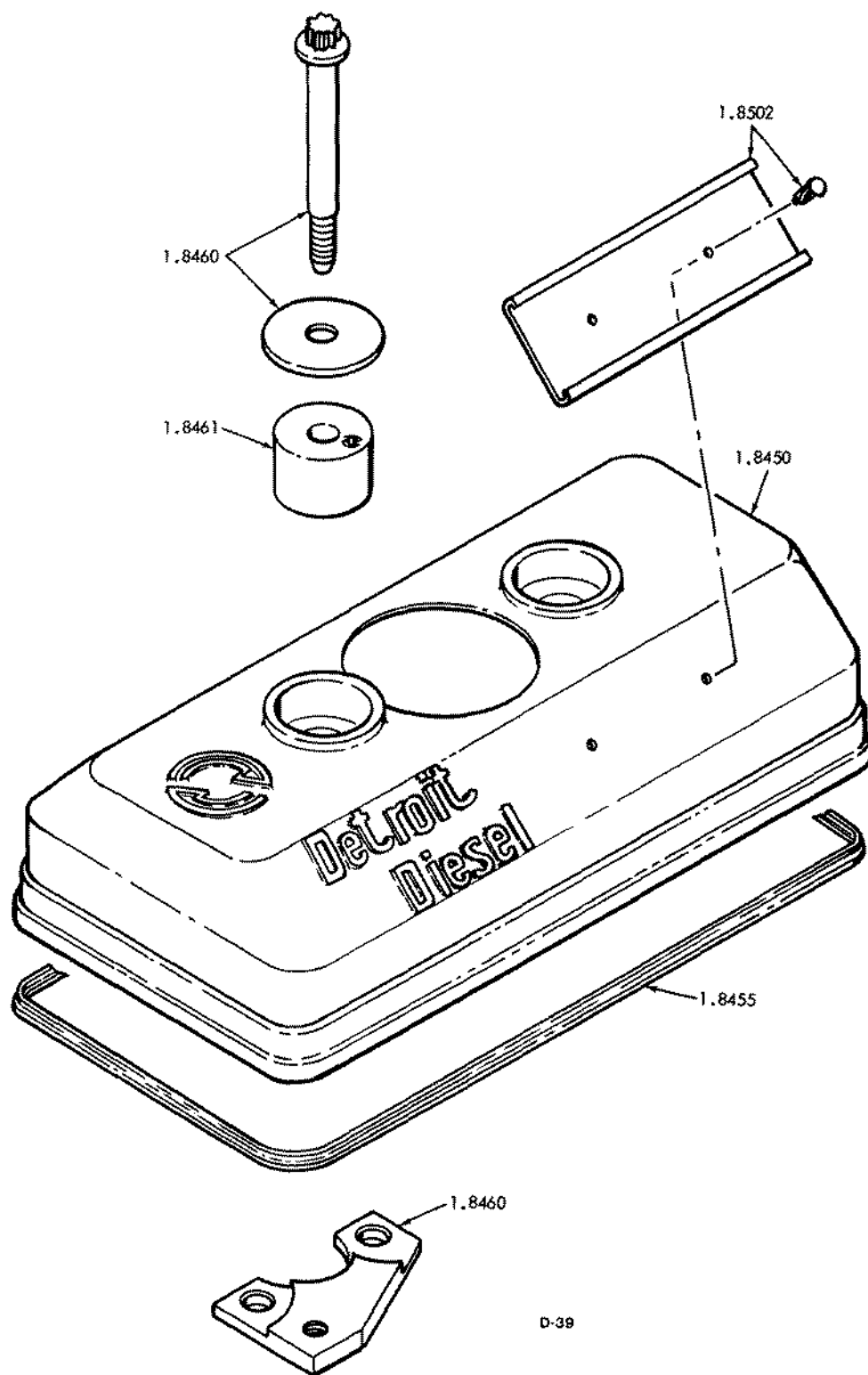


FIG. 9D - ROCKER COVER

Fig. 9D of 1.0000



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FIG. 9E ROCKER COVER (CAST)

Fig. 9E of 1.0000

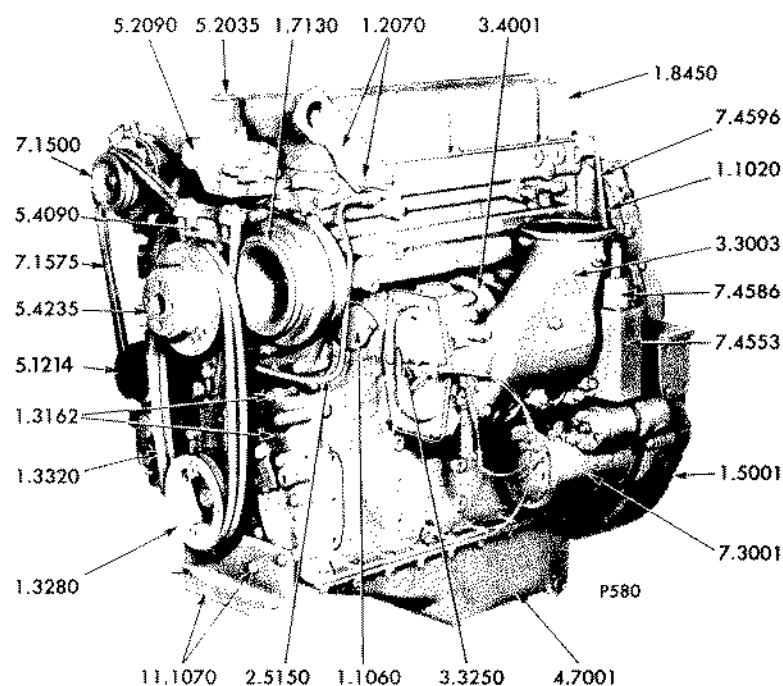


FIG. 10A TYPICAL FAN TO FLYWHEEL

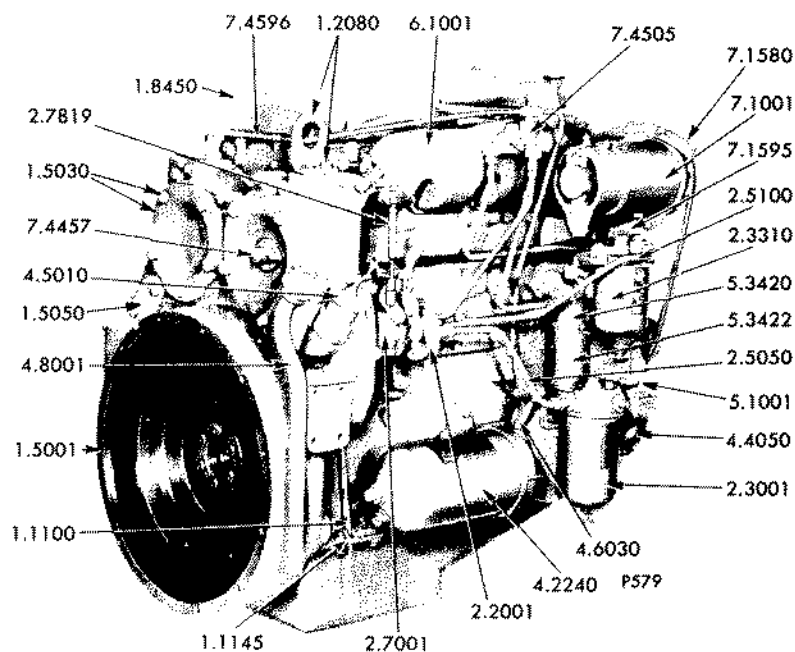


FIG. 10B TYPICAL FAN TO FLYWHEEL

Figs. 10A & 10B of 1.0000

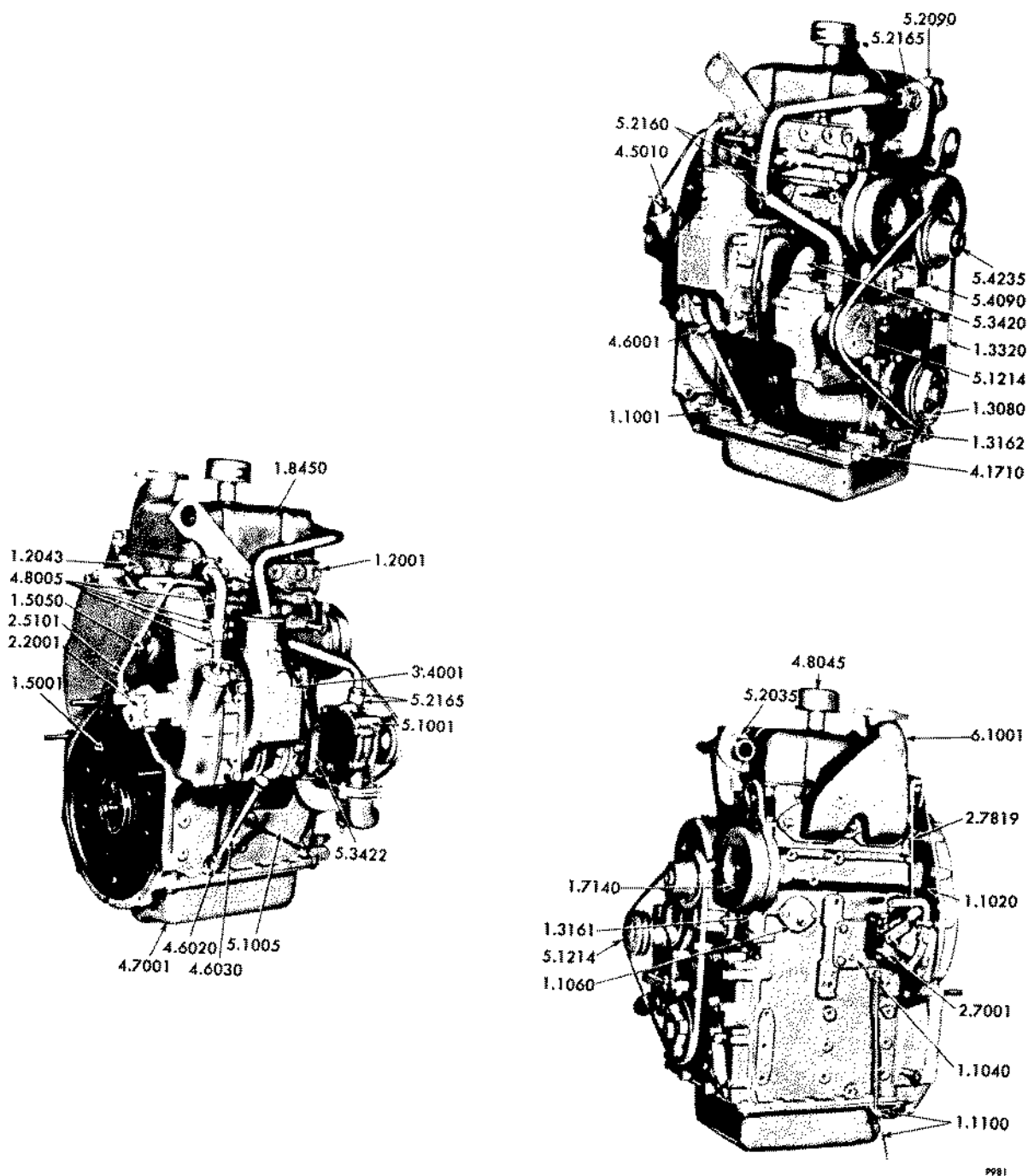


FIG. 10C MODEL 5023-7121 (J. DEERE)

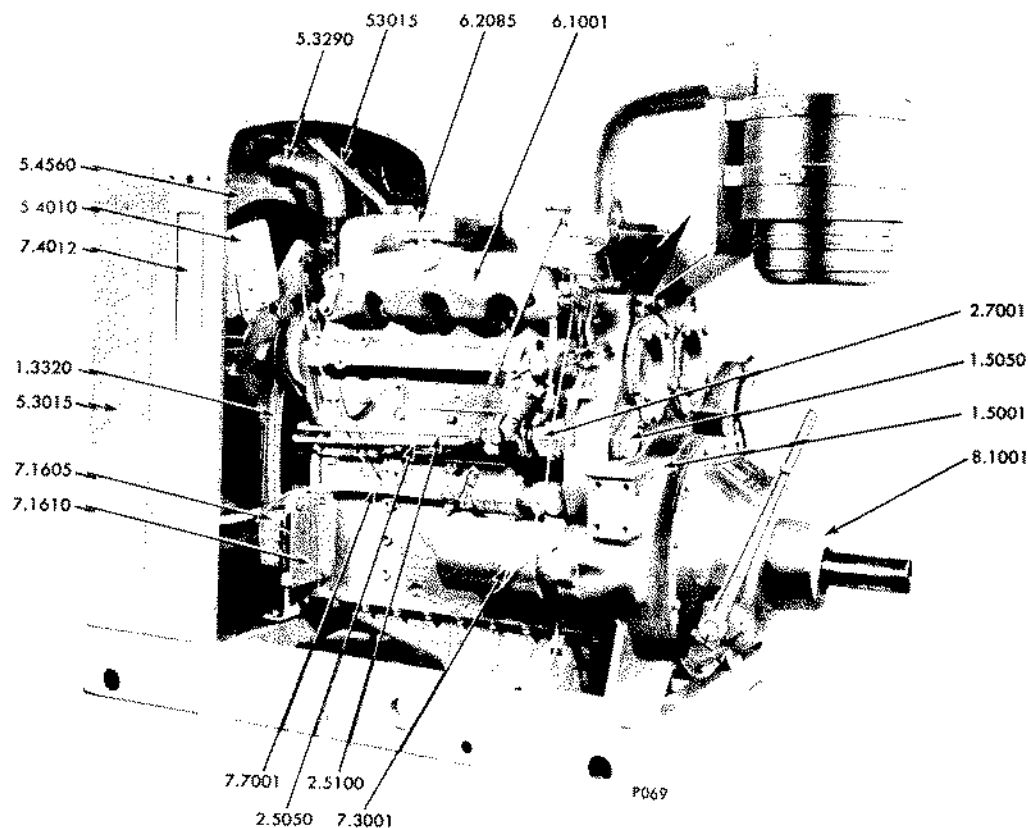
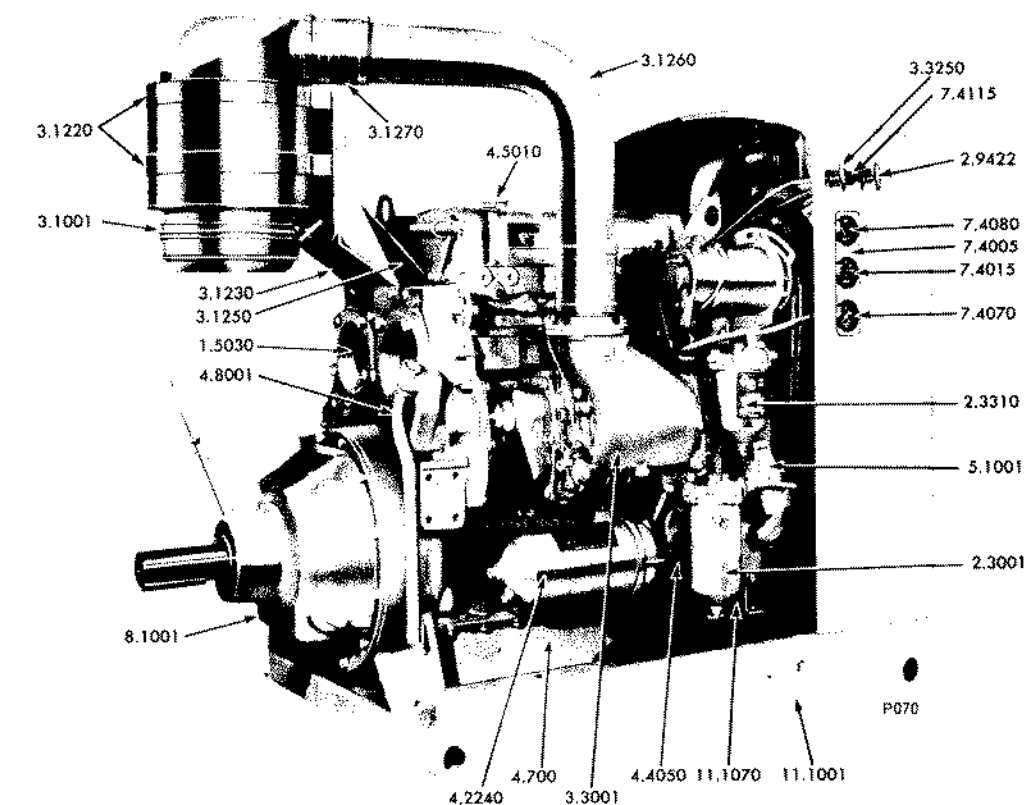


FIG. 10D TYPICAL POWER-BASE UNIT

Fig. 10D of 1.0000

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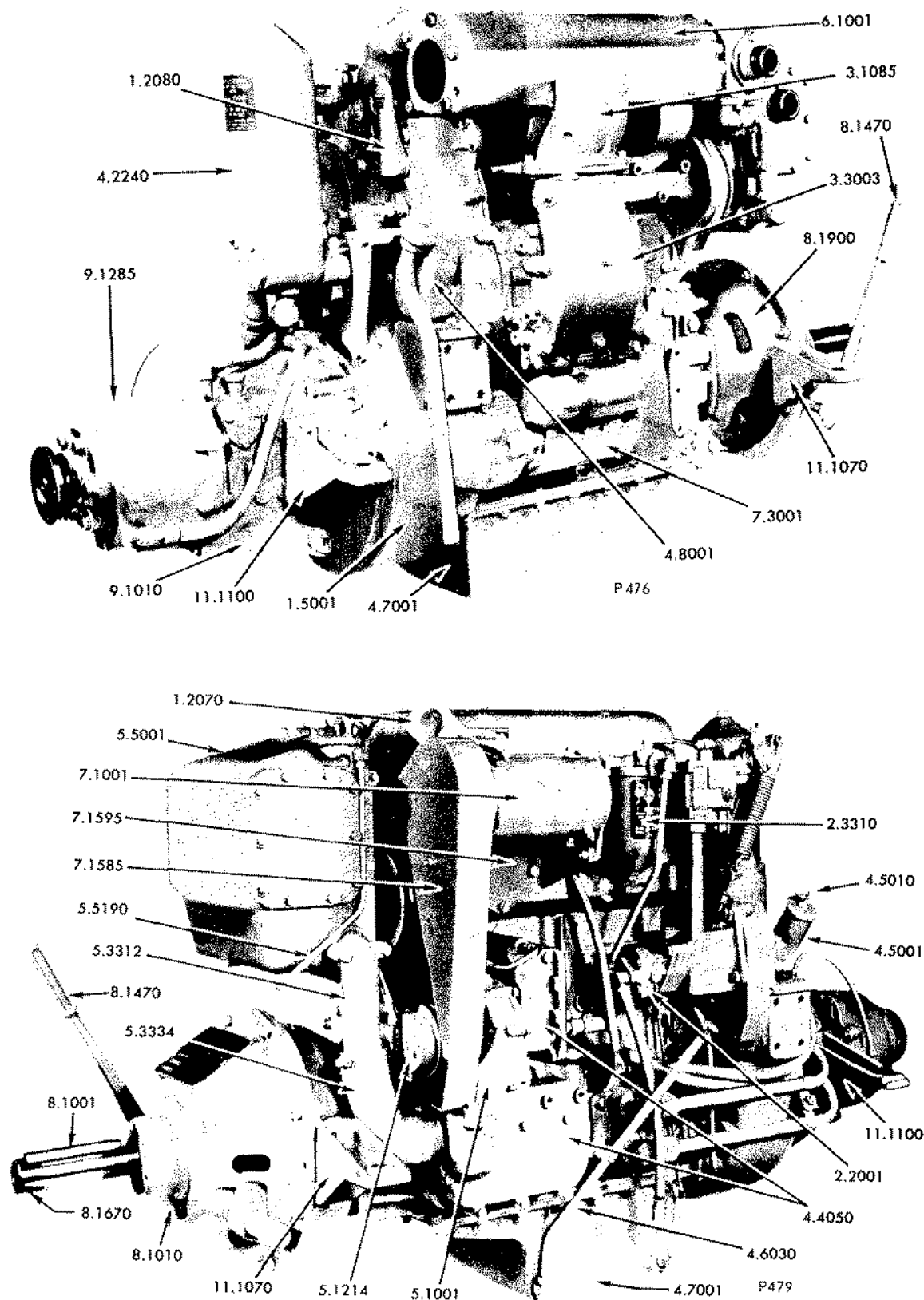


FIG. 10E TYPICAL MARINE UNIT

Fig. 10E of 1.0000

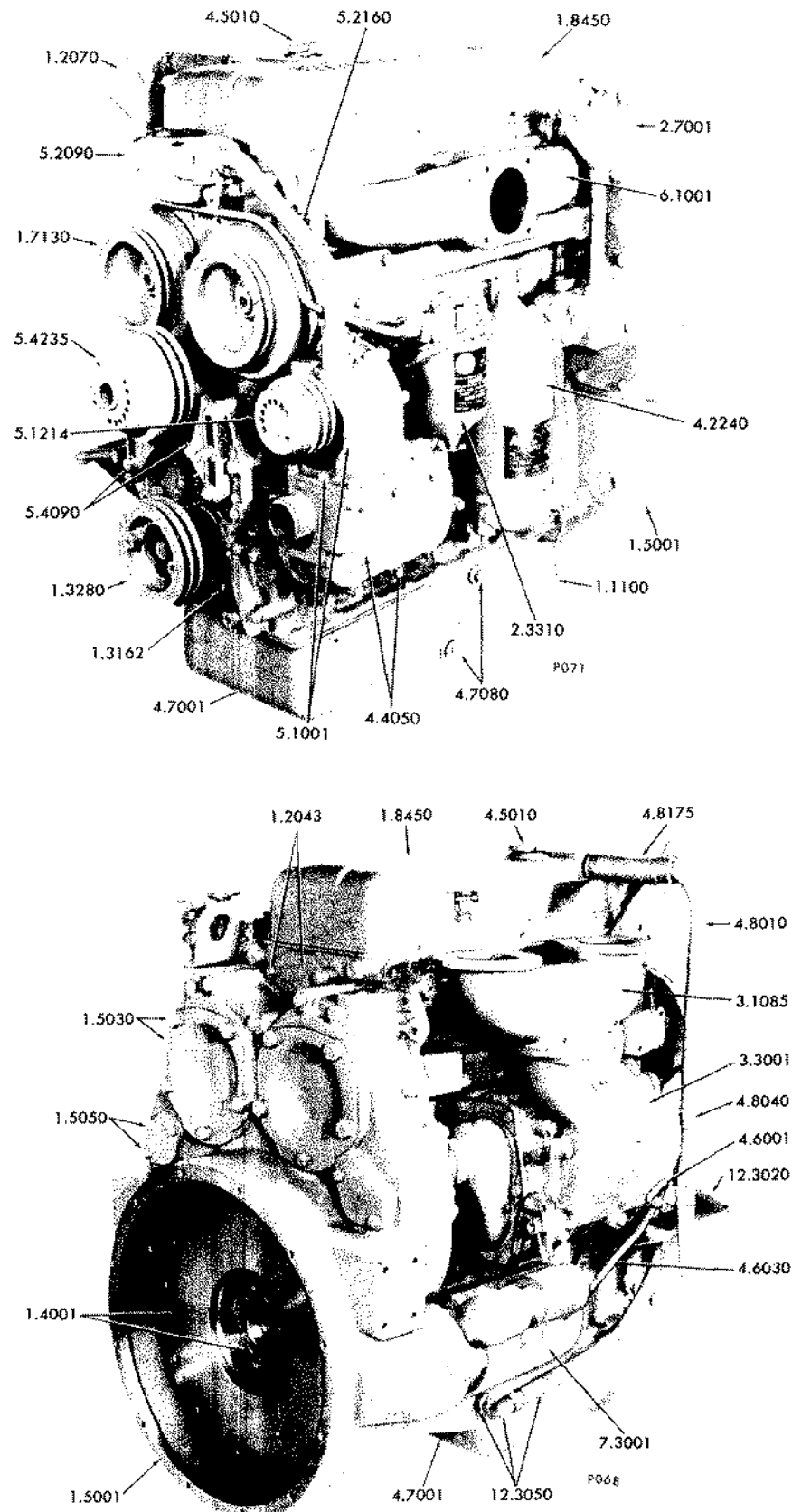


FIG. 10G TYPICAL 4 CYLINDER FAN TO FLYWHEEL INDUSTRIAL UNIT

Fig. 10G of 1.0000

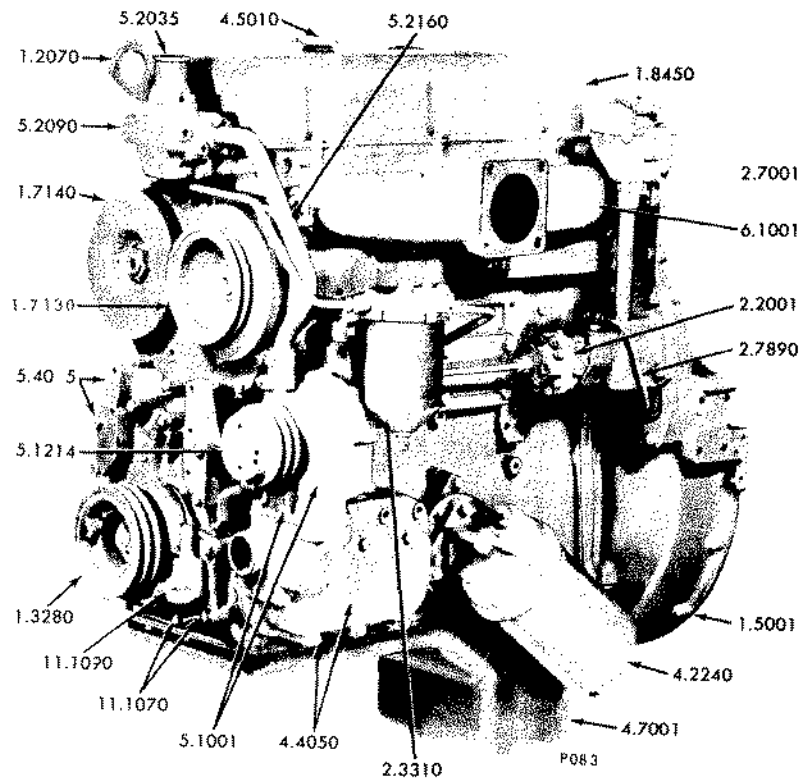


FIG. 10H - TYPICAL 4 CYLINDER FAN TO FLYWHEEL UNIT