

# PARTS CATALOG

DON SPRING

## LOADER

## Model 840C

LITHO IN U.S.A.

PART NO. 9006498  
JULY, 1982

**FOREWORD****ALPHABETICAL INDEX**

The complete alphabetical index appears at the beginning of this publication. It is used to locate major groups, assemblies and components.

**NUMERICAL INDEX**

The numerical index of this publication follows the Alphabetical Index at the beginning of the publication and indicates at which grid location and page number a part number appears.

**ILLUSTRATIONS**

All illustrations are located on the left hand page with the text on the right. Except for some common hardware, all parts are identified with an item number which corresponds to the "item" column on the text page. This is followed by the part number, quantity and description.

**HARDWARE**

Common hardware not identified such as bolts, nuts, cotter pins and lube fittings, are listed indented in the text beneath the item to which they attach or fit. Common hardware listed indented beneath an item is NOT included unless specified. Example: (Incl. BOLT, LOCKWASHER AND NUT).

**ORDERING PARTS**

Be sure to refer to both the text and the illustration to assure ordering the correct part.

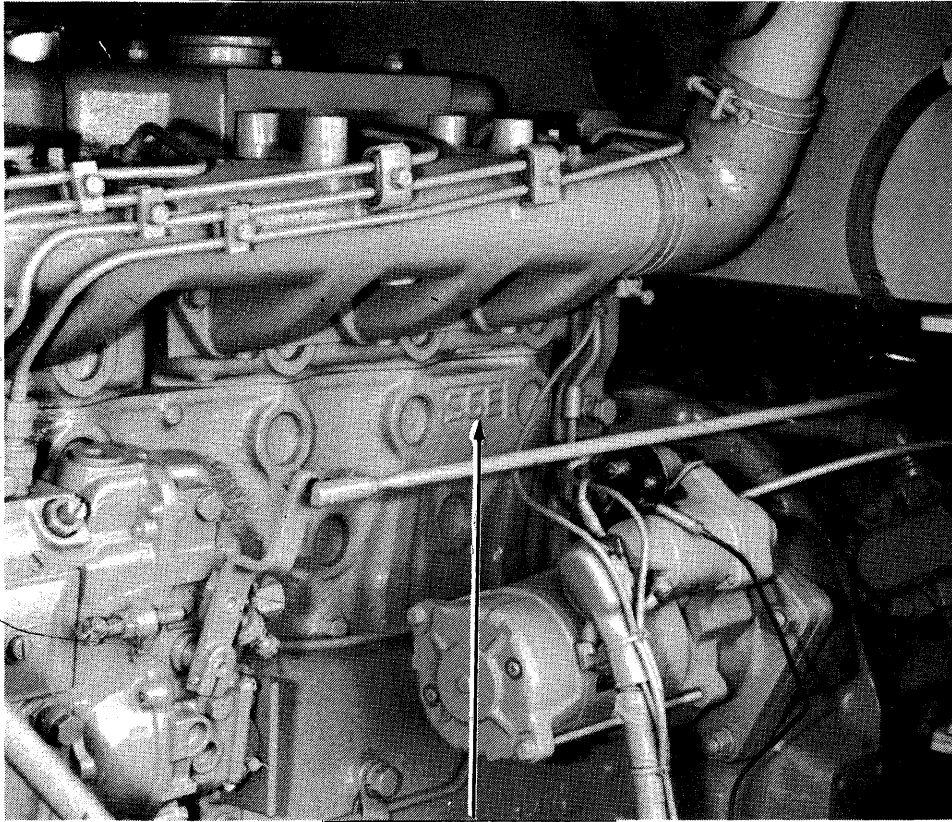
**RECOMMENDED DEALER STOCK**

A recommended dealer stock listing appears at the end of this publication.

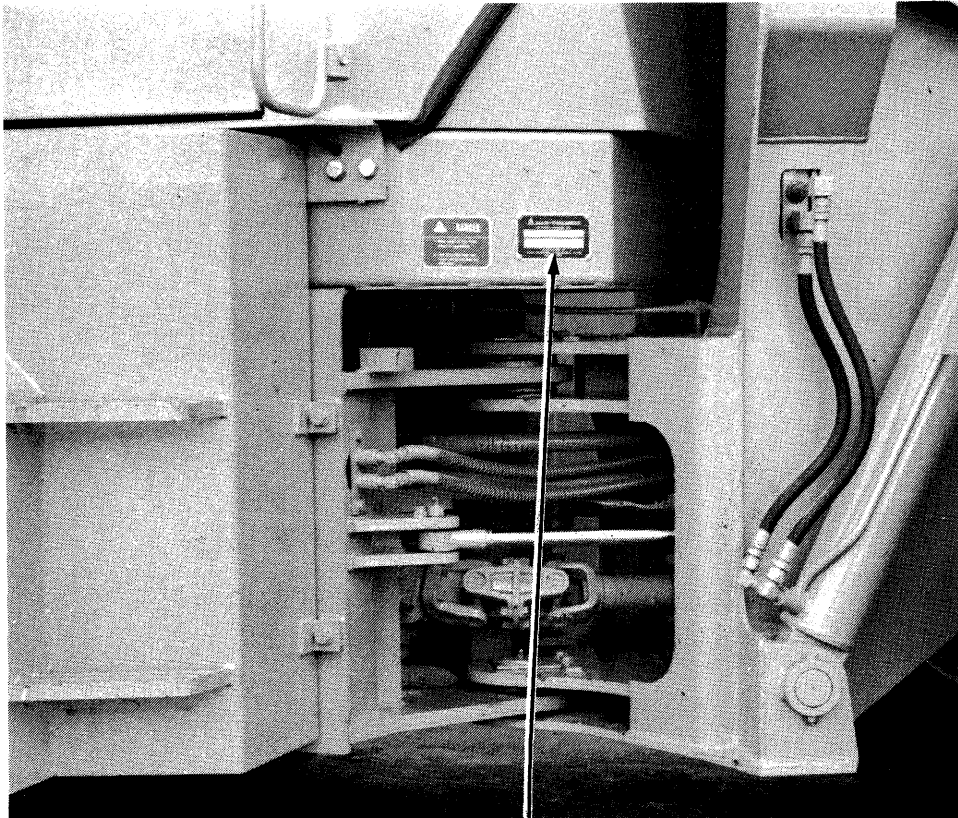


AGRICULTURAL EQUIPMENT SECTOR  
BOX 512, MILWAUKEE, WI 53201

SERIAL NUMBER LOCATION



ENGINE SERIAL NUMBER



LOADER SERIAL NUMBER

<b>AIR INTAKE &amp; EXHAUST SYSTEM</b>	
Air Cleaner .....	41
Manifolds	
Exhaust .....	39
Intake .....	39
Muffler .....	41
<b>ATTACHMENTS</b>	
Arm Lock .....	217
Auxiliary Hydraulic & Valve Group .....	221
Buckets .....	215
Counterweight .....	219
Frame Lock .....	217
<b>AXLE, STEERING &amp; WHEELS</b>	
Axles - Front & Rear	
Differential .....	141
Housing & Shaft .....	139
Wheel - Planetary Gear .....	143
Control Valve	
Control Asy. ....	221
Power Steering .....	147
Steering - Controls .....	145
Tire & Wheel .....	149
<b>BRAKE</b>	
Brake Pedals .....	135
Linkage .....	135
Master Cylinder .....	137
<b>CAB</b>	
Cab Asy. ....	199
Doors .....	201
Glass .....	203
Defroster Fan .....	209
Heater Asy. ....	213
Heater - Field Installation .....	211
Wiper & Motor	
Front .....	205
Rear .....	207

## INDEX

<b>COOLING SYSTEM</b>	
Cooling .....	49
Oil Cooler .....	47
Pump, Water .....	43
Radiator .....	47
Thermostat .....	45
<b>DRIVE TRAIN</b>	
Controls	
Parking Brake .....	125
Transmission .....	129
Main Drive Shaft	
Front .....	131
Rear .....	133
Parking Brake Asy. ....	127
Power Train Mounting .....	99
Transmission	
Control Valve .....	119
Converter Pump Asy. ....	111
Main Shaft A and Clutch .....	107
Main Shaft B and Clutch .....	109
Output Shaft .....	121
Piping .....	117
Reduction & Idle Shaft .....	115
Regulator Valve .....	123
Screen & Accumulator .....	113
Stator & Turbine .....	105
Torque Converter & Case .....	103
<b>ELECTRICAL &amp; INSTRUMENTS</b>	
Alternator .....	81
Electrical Group .....	73
Instrument Panel .....	75
Lights & Wiring	
Power - Front .....	65
Power - Rear .....	67
Tool .....	63
Starting Motor .....	79
Wiring	
Battery .....	71
Instrument Panel .....	69
R.O.P.S. ....	77

<b>ENGINE</b>	
Crankshaft .....	21
Cylinder Block .....	17
Cylinder Head .....	19
Flywheel .....	23
Gasket Set	
Major Overhaul .....	14
Lubricating System	
Oil Cooler .....	35
Oil Filter .....	37
Oil Pan .....	33
Oil Pipe .....	37
Oil Pump & Strainer .....	31
Piston & Connecting Rod .....	25
Seal Kit .....	15
Timing Gear Cover .....	29
Valve Operating Mechanism .....	27
<b>FUEL SYSTEM</b>	
Fuel Controls - Engine .....	61
Fuel Injection System	
Fuel Filter .....	57
Fuel Injector .....	55
Fuel Pump .....	51
Lines .....	53
Fuel Tank .....	59

## INDEX

HYDRAULIC SYSTEM	
Brake Head	193
Brake Lines	
Front	175
Rear	177
Vacuum & Booster	179
Bucket Cylinder	189
Bucket Cylinder Hydraulics	157
Controls	171
Flow Divider	191
Hydraulic Plumbing - Power	161
Hydromaster - Brake - A	181
Hydromaster - Brake - B	183
Implement Pump - B	163
Lift Cylinder - B	187
Lift Cylinder Hydraulics - B	155
Lines	
Power Steering	151
Power Steering - Control	159
Pressure & Return Lines	153
Reservoir	173
Steering Cylinder	185
Valve	
Inlet Section	165
Outlet Section	165
Plunger Sections	
Bucket	169
Lift	167
LOADER	
Lift Arms	195
Positioner - Bucket	197
NUMERICAL INDEX	8
RECOMMENDED DEALER STOCK LIST	222
SERIAL NUMBER LOCATION	2
SHEET METAL, FRAME & SEAT	
Center Pin Group	87
Cradle	85
Decals	97
Frame & Seat	93
Front Frame & Fenders	89
Hood & Grille	91
Rear Frame	83
R.O.P.S.	95

## NUMERICAL INDEX

Part	Page	Grid	Part	Page	Grid	Part	Page	Grid	Part	Page	Grid
0230170-3	77	1-D 6	0921038-6	155	1-G12	0932529-1	31	1-B 8	0950962-1	75	1-D 4
0230170-3	209	1- 118	0921116-0	161	1-G18	0932553-1	171	1-H 4	0950986-0	49	1-C 2
0234250-9	167	1-G24	0921204-4	153	1-G10	0932790-9	217	1-J 2	0950987-8	49	1-C 2
0234251-7	167	1-G24	0921206-9	153	1-G10	0933603-3	153	1-G10	0951011-6	91	1-D20
0234252-5	167	1-G24	0921210-1	95	1-D24	0934711-3	71	1-C24	0951104-9	197	1- 1 6
0234254-1	167	1-G24	0921214-3	153	1-G10	0950000-0	75	1-D 4	0951105-6	75	1-D 4
0239176-1	147	1-G 4	0921227-5	153	1-G10	0950001-8	31	1-B 8	0951133-8	161	1-G18
0239182-9	147	1-G 4	0921332-3	221	1-J 6	0950002-6	53	1-C 6	0951134-6	153	1-G10
0239191-0	147	1-G 4	0921333-1	221	1-J 6	0950005-9	31	1-B 8	0951135-3	29	1-B 6
0239197-7	147	1-G 4	0921349-7	151	1-G 8	0950014-1	125	1-F 6	0951143-7	141	1-F22
0239517-6	41	1-B18	0921880-1	205	1- 114	0950016-6	31	1-B 8	0951144-5	141	1-F22
0239854-3	59	1-C12	0921883-5	151	1-G 8	0950017-4	17	1-A18	0951145-2	85	1-D14
0239854-3	91	1-D20	0921886-8	153	1-G10	0950018-2	17	1-A18	0951146-0	89	1-D18
0239854-3	219	1-J 4	0921910-6	45	1-B22	0950019-0	33	1-B10	0951147-8	85	1-D14
0243473-6	71	1-C24	0921911-4	211	1- 120	0950020-8	63	1-C16	0951148-6	31	1-B 8
0245562-4	77	1-D 6	0921913-0	35	1-B12	0950025-7	155	1-G12	0951149-4	195	1- 1 4
0246689-4	205	1- 114	0921915-5	41	1-B18	0950026-5	151	1-G 8	0951150-2	195	1- 1 4
0246689-4	207	1- 116	0921960-1	199	1- 1 8	0950034-9	17	1-A18	0951151-0	139	1-F20
0252463-5	41	1-B18	0921972-6	221	1-J 6	0950035-6	29	1-B 6	0951152-8	187	1-H20
0257362-4	147	1-G 4	0922030-2	201	1- 110	0950036-4	23	1-A24	0951153-6	187	1-H20
0258715-2	147	1-G 4	0922121-9	205	1- 114	0950037-2	37	1-B14	0951154-4	83	1-D12
0258716-0	147	1-G 4	0922200-1	41	1-B18	0950038-0	91	1-D20	0951158-5	169	1-H 2
0261995-5	147	1-G 4	0922304-1	215	1- 124	0950039-8	29	1-B 6	0951159-3	129	1-F10
0271319-6	147	1-G 4	0922571-5	151	1-G 8	0950041-4	43	1-B20	0951160-1	163	1-G20
0271322-0	147	1-G 4	0922660-6	49	1-C 2	0950045-5	35	1-B12	0951161-9	139	1-F20
0271323-8	147	1-G 4	0922711-7	205	1- 114	0950050-5	51	1-C 4	0951162-7	139	1-F20
0271325-3	147	1-G 4	0923079-8	173	1-H 6	0950052-1	73	1-D 2	1002846-2	149	1-G 6
0271588-6	147	1-G 4	0923093-9	221	1-J 6	0950053-9	43	1-B 20	1004653-0	41	1-B18
0638416-8	41	1-B18	0923154-9	215	1- 124	0950054-7	171	1-H 4	1004655-5	97	1-E 2
0639073-6	205	1- 114	0923191-1	215	1- 124	0950067-9	87	1-D16	1004669-6	147	1-G 4
0639073-6	207	1- 116	0923300-8	205	1- 114	0950071-1	31	1-B 8	1005245-4	215	1- 124
0639074-4	205	1- 114	0923574-8	167	1-G24	0950081-0	153	1-G10	1005765-1	215	1- 124
0639074-4	207	1- 116	0923575-5	167	1-G24	0950209-7	59	1-C12	1006605-8	77	1-D 6
0901490-3	211	1- 120	0923578-9	147	1-G 4	0950218-8	31	1-B 8	1007858-2	77	1-D 6
0901692-4	211	1- 120	0923586-2	165	1-G22	0950219-6	17	1-A18	1009961-2	147	1-G 4
0901723-7	211	1- 120	0923662-1	205	1- 114	0950220-4	23	1-A24	1010152-5	215	1- 124
0905261-4	143	1-F24	0923905-4	151	1-G 8	0950221-2	31	1-B 8	1010153-3	215	1- 124
0906938-6	77	1-D 6	0924023-5	221	1-J 6	0950222-0	31	1-B 8	1010344-8	205	1- 114
0910815-0	143	1-F24	0924198-5	221	1-J 6	0950223-8	99	1-E 4	1010407-3	41	1-B18
0913160-8	95	1-D24	0924455-9	97	1-E 2	0950224-6	139	1-F20	1010528-6	205	1- 114
0914120-1	205	1- 114	0924855-0	119	1-E24	0950228-7	27	1-B 4	1010532-8	77	1-D 6
0914929-5	221	1-J 6	0925094-5	63	1-C16	0950229-5	51	1-C 4	1010549-2	147	1-G 4
0915904-7	147	1-G 4	0925149-7	95	1-D24	0950230-3	57	1-C10	1011496-5	93	1-D22
0916080-5	201	1- 110	0925238-8	211	1- 120	0950231-1	73	1-D 2	1011496-5	95	1-D24
0916621-6	209	1- 118	0925442-6	159	1-G16	0950233-7	129	1-F10	1012518-5	211	1- 120
0916622-4	211	1- 120	0925621-5	221	1-J 6	0950234-5	135	1-F16	1012678-7	213	1- 122
0916880-8	77	1-D 6	0925707-2	95	1-D24	0950312-9	45	1-B22	1012679-5	213	1- 122
0916950-9	95	1-D24	0925755-1	17	1-A18	0950368-1	101	1-E 6	1012680-3	213	1- 122
0916951-7	215	1- 124	0926621-4	93	1-D22	0950371-5	101	1-E 6	1012681-1	213	1- 122
0916964-0	211	1- 120	0926850-9	59	1-C12	0950376-4	143	1-F24	1012683-7	213	1- 122
0916965-7	95	1-D24	0926919-2	175	1-H 8	0950377-2	99	1-E 4	1012684-5	213	1- 122
0916966-5	221	1-J 6	0926921-8	63	1-C16	0950379-8	59	1-C12	1012959-1	209	1- 118
0917356-8	199	1- 1 8	0927062-0	221	1-J 6	0950388-9	93	1-D22	1013270-2	205	1- 114
0917365-9	77	1-D 6	0927097-6	67	1-C20	0950393-9	93	1-D22	1013270-2	207	1- 116
0917372-5	199	1- 1 8	0927149-5	77	1-D 6	0950448-1	47	1-B24	1013271-0	205	1- 114
0917373-3	221	1-J 6	0927187-5	77	1-D 6	0950450-7	31	1-B 8	1013271-0	207	1- 116
0917388-1	93	1-D22	0927462-2	167	1-G24	0950451-5	85	1-D14	1013272-8	205	1- 114
0917395-6	77	1-D 6	0927591-8	147	1-G 4	0950452-3	41	1-B18	1013272-8	207	1- 116
0917451-7	201	1- 110	0928046-2	71	1-C24	0950453-1	135	1-F16	1013273-6	205	1- 114
0917452-5	77	1-D 6	0930757-0	199	1- 1 8	0950524-9	61	1-C14	1013273-6	207	1- 116
0918175-1	201	1- 110	0930765-3	219	1-J 4	0950542-1	49	1-C 2	1013274-4	205	1- 114
0918264-3	211	1- 120	0930863-6	63	1-C16	0950552-0	49	1-C 2	1013274-4	207	1- 116
0918267-6	199	1- 1 8	0930871-9	211	1- 120	0950562-9	135	1-F16	1014415-2	77	1-D 6
0918448-2	221	1-J 6	0931218-2	41	1-B18	0950564-5	121	1-F 2	1014427-7	93	1-D22
0918814-5	221	1-J 6	0931404-8	147	1-G 4	0950649-4	17	1-A18	1014622-3	211	1- 120
0918887-1	159	1-G16	0931458-4	175	1-H 8	0950868-0	43	1-B20	1015117-3	97	1-E 2
0919195-8	155	1-G12	0931469-1	71	1-C24	0950870-6	49	1-C 2	1015118-1	97	1-E 2
0919326-9	199	1- 1 8	0931869-2	51	1-C 4	0950928-2	73	1-D 2	1015119-9	97	1-E 2
0919332-7	95	1-D24	0931998-9	61	1-C14	0950933-2	31	1-B 8	1015143-9	97	1-E 2
0919437-4	199	1- 1 8	0932035-9	75	1-D 4	0950944-9	35	1-B12	1015144-7	97	1-E 2
0920397-7	199	1- 1 8	0932092-0	141	1-F22	0950945-6	41	1-B18	1015145-4	97	1-E 2
0920416-5	139	1-F20	0932186-0	169	1-H 2	0950946-4	49	1-C 2	1015147-0	97	1-E 2
0920630-1	219	1-J 4	0932302-3	27	1-B 4	0950947-2	75	1-D 4	1016933-2	97	1-E 2
0920990-9	215	1- 124	0932323-9	175	1-H 8	0950948-0	135	1-F16	1016934-0	77	1-D 6
0921018-8	167	1-G24	0932523-4	135	1-F16	0950953-0	31	1-B 8	1016934-0	97	1-E 2



## 840C LOADER

## NUMERICAL INDEX

Part	Page	Grid	Part	Page	Grid	Part	Page	Grid	Part	Page	Grid
1016936-5	211	1-120	1023490-4	169	1-H 2	1023730-3	221	1-J 6	2022699-9	127	1-F 8
1016937-3	77	1-D 6	1023491-2	169	1-H 2	1023734-5	215	1-124	2022700-5	127	1-F 8
1016937-3	97	1-E 2	1023496-1	199	1-1 8	1023933-3	73	1-D 2	2022701-3	161	1-G18
1016940-7	97	1-E 2	1023497-9	199	1-1 8	1023937-4	147	1-G 4	2022703-9	161	1-G18
1018145-1	97	1-E 2	1023500-0	93	1-D22	1132770-7	147	1-G 4	2022704-7	161	1-G18
1018840-7	205	1-114	1023504-2	193	1-1 2	1174467-9	205	1-114	2022705-4	161	1-G18
1018840-7	207	1-116	1023505-9	193	1-1 2	1174467-9	207	1-116	2022708-8	195	1-1 4
1018916-5	97	1-E 2	1023506-7	193	1-1 2	2017635-0	215	1-124	2022709-6	195	1-1 4
1019146-8	199	1-1 8	1023507-5	193	1-1 2	2020415-2	211	1-120	2022710-4	195	1-1 4
1019152-6	147	1-G 4	1023508-3	193	1-1 2	2022603-1	83	1-D12	2022711-2	195	1-1 4
1019153-4	147	1-G 4	1023509-1	193	1-1 2	2022604-9	89	1-D18	2022712-0	217	1-J 2
1019154-2	147	1-G 4	1023510-9	193	1-1 2	2022605-6	91	1-D20	2022713-8	217	1-J 2
1019659-0	211	1-120	1023511-7	193	1-1 2	2022606-4	75	1-D 4	2022714-6	217	1-J 2
1021499-7	93	1-D22	1023512-5	193	1-1 2	2022607-2	93	1-D22	2022715-3	217	1-J 2
1022538-1	97	1-E 2	1023513-3	139	1-F20	2022609-8	173	1-H 6	2022716-1	217	1-J 2
1022629-8	67	1-C20	1023514-1	139	1-F20	2022610-6	153	1-G10	2022717-9	75	1-D 4
1022669-4	77	1-D 6	1023514-1	193	1-1 2	2022611-4	153	1-G10	2022718-7	75	1-D 4
1022670-2	77	1-D 6	1023523-2	151	1-G 8	2022612-2	155	1-G12	2022719-5	75	1-D 4
1022671-0	77	1-D 6	1023523-2	153	1-G10	2022613-0	161	1-G18	2022720-3	75	1-D 4
1022674-4	95	1-D24	1023523-2	161	1-G18	2022616-3	153	1-G10	2022721-1	75	1-D 4
1022674-4	199	1-1 8	1023523-2	191	1-H24	2022617-1	151	1-G 8	2022722-9	75	1-D 4
1022690-0	77	1-D 6	1023524-0	191	1-H24	2022618-9	153	1-G10	2022723-7	75	1-D 4
1022691-8	77	1-D 6	1023525-7	191	1-H24	2022619-7	151	1-G 8	2022724-5	75	1-D 4
1022700-7	95	1-D24	1023541-4	221	1-J 6	2022619-7	161	1-G18	2022725-2	75	1-D 4
1022700-7	199	1-1 8	1023542-2	221	1-J 6	2022620-5	159	1-G16	2022726-0	75	1-D 4
1022704-9	95	1-D24	1023543-0	221	1-J 6	2022621-3	159	1-G16	2022727-8	153	1-G10
1022704-9	199	1-1 8	1023544-8	221	1-J 6	2022623-9	195	1-1 4	2022727-8	161	1-G18
1022896-3	199	1-1 8	1023545-5	221	1-J 6	2022624-7	195	1-1 4	2022728-6	75	1-D 4
1023041-5	97	1-E 2	1023546-3	221	1-J 6	2022625-4	195	1-1 4	2022729-4	159	1-G16
1023062-1	211	1-120	1023547-1	221	1-J 6	2022627-0	151	1-G 8	2022730-2	75	1-D 4
1023062-1	213	1-122	1023548-9	221	1-J 6	2022628-8	151	1-G 8	2022733-6	153	1-G10
1023063-9	213	1-122	1023551-3	221	1-J 6	2022628-8	159	1-G16	2022734-4	75	1-D 4
1023064-7	211	1-120	1023558-8	205	1-114	2022629-6	151	1-G 8	2022735-1	75	1-D 4
1023065-4	209	1-118	1023558-8	207	1-116	2022629-6	159	1-G16	2022736-9	75	1-D 4
1023066-2	211	1-120	1023559-6	205	1-114	2022630-4	161	1-G18	2022739-3	75	1-D 4
1023102-5	161	1-G18	1023559-6	207	1-116	2022631-2	161	1-G18	2022740-1	75	1-D 4
1023106-6	155	1-G12	1023560-4	199	1-1 8	2022632-0	161	1-G18	2022741-9	75	1-D 4
1023107-4	155	1-G12	1023561-2	201	1-110	2022634-6	195	1-1 4	2022741-9	85	1-D14
1023108-2	157	1-G14	1023562-0	201	1-110	2022636-1	159	1-G16	2022741-9	159	1-G16
1023109-0	159	1-G16	1023563-8	201	1-110	2022637-9	155	1-G12	2022743-5	75	1-D 4
1023110-8	159	1-G16	1023564-6	199	1-1 8	2022637-9	187	1-H20	2022744-3	75	1-D 4
1023111-6	159	1-G16	1023565-3	203	1-112	2022638-7	155	1-G12	2022745-0	127	1-F 8
1023112-4	151	1-G 8	1023566-1	205	1-114	2022638-7	187	1-H20	2022746-8	127	1-F 8
1023113-2	159	1-G16	1023566-1	207	1-116	2022639-5	157	1-G14	2022747-6	127	1-F 8
1023114-0	151	1-G 8	1023567-9	199	1-1 8	2022639-5	189	1-H22	2022748-4	127	1-F 8
1023115-7	151	1-G 8	1023568-7	201	1-110	2022640-3	161	1-G18	2022750-0	103	1-E 8
1023116-5	151	1-G 8	1023569-5	201	1-110	2022644-5	161	1-G18	2022751-8	103	1-E 8
1023117-3	151	1-G 8	1023570-3	201	1-110	2022645-2	161	1-G18	2022752-6	103	1-E 8
1023118-1	97	1-E 2	1023571-1	201	1-110	2022651-0	187	1-H20	2022753-4	103	1-E 8
1023119-9	161	1-G18	1023572-9	201	1-110	2022651-0	195	1-1 4	2022755-9	103	1-E 8
1023120-7	161	1-G18	1023573-7	201	1-110	2022666-8	155	1-G12	2022756-7	111	1-E16
1023122-3	97	1-E 2	1023574-5	201	1-110	2022666-8	157	1-G14	2022759-1	103	1-E 8
1023127-2	73	1-D 2	1023575-2	201	1-110	2022667-6	155	1-G12	2022760-9	103	1-E 8
1023143-9	77	1-D 6	1023576-0	201	1-110	2022667-6	157	1-G14	2022761-7	103	1-E 8
1023144-7	77	1-D 6	1023577-8	201	1-110	2022671-8	155	1-G12	2022764-1	115	1-E20
1023167-8	147	1-G 4	1023578-6	201	1-110	2022671-8	157	1-G14	2022765-8	115	1-E20
1023168-6	191	1-H24	1023579-4	201	1-110	2022672-6	187	1-H20	2022766-6	115	1-E20
1023171-0	191	1-H24	1023580-2	201	1-110	2022672-6	189	1-H22	2022767-4	115	1-E20
1023172-8	191	1-H24	1023581-0	201	1-110	2022672-6	195	1-1 4	2022768-2	115	1-E20
1023183-5	97	1-E 2	1023582-8	199	1-1 8	2022673-4	155	1-G12	2022769-0	115	1-E20
1023201-5	113	1-E18	1023584-4	77	1-D 6	2022674-2	195	1-1 4	2022770-8	115	1-E20
1023233-8	173	1-H 6	1023585-1	77	1-D 6	2022675-9	159	1-G16	2022771-6	115	1-E20
1023234-6	59	1-C12	1023604-0	165	1-G22	2022676-7	195	1-1 4	2022772-4	115	1-E20
1023276-7	195	1-1 4	1023604-0	169	1-H 2	2022678-3	151	1-G 8	2022773-2	115	1-E20
1023287-4	219	1-J 4	1023612-3	221	1-J 6	2022679-1	159	1-G16	2022774-0	115	1-E20
1023288-2	219	1-J 4	1023633-9	221	1-J 6	2022680-9	151	1-G 8	2022775-7	115	1-E20
1023296-5	95	1-D24	1023652-9	221	1-J 6	2022681-7	127	1-F 8	2022776-5	103	1-E 8
1023296-5	97	1-E 2	1023653-7	221	1-J 6	2022687-4	127	1-F 8	2022776-5	115	1-E20
1023296-5	199	1-1 8	1023659-4	207	1-116	2022692-4	127	1-F 8	2022776-5	119	1-E24
1023467-2	199	1-1 8	1023660-2	205	1-114	2022693-2	127	1-F 8	2022778-1	115	1-E20
1023486-2	167	1-G24	1023660-2	207	1-116	2022694-0	127	1-F 8	2022779-9	115	1-E20
1023488-8	165	1-G22	1023666-9	199	1-1 8	2022695-7	127	1-F 8	2022780-7	115	1-E20
1023489-6	167	1-G24	1023677-6	41	1-B18	2022696-5	127	1-F 8	2022781-5	115	1-E20
1023489-6	169	1-H 2	1023728-7	221	1-J 6	2022697-3	127	1-F 8	2022782-3	103	1-E 8
1023490-4	167	1-G24	1023729-5	221	1-J 6	2022698-1	127	1-F 8	2022782-3	115	1-E20

## NUMERICAL INDEX

Part	Page	Grid	Part	Page	Grid	Part	Page	Grid	Part	Page	Grid
2022782-3	123	1-F 4	2022852-4	111	1-E16	2022943-1	121	1-F 2	2023140-3	31	1-B 8
2022783-1	105	1-E10	2022853-2	111	1-E16	2022950-6	105	1-E10	2023141-1	133	1-F14
2022784-9	105	1-E10	2022854-0	111	1-E16	2022950-6	115	1-E20	2023142-9	31	1-B 8
2022785-6	105	1-E10	2022855-7	111	1-E16	2022977-9	115	1-E20	2023143-7	31	1-B 8
2022786-4	105	1-E10	2022856-5	123	1-F 4	2023012-4	105	1-E10	2023144-5	31	1-B 8
2022787-2	105	1-E10	2022857-3	123	1-F 4	2023012-4	115	1-E20	2023145-2	31	1-B 8
2022788-0	105	1-E10	2022858-1	119	1-E24	2023016-5	59	1-C12	2023145-2	133	1-F14
2022789-8	105	1-E10	2022859-9	119	1-E24	2023061-1	115	1-E20	2023146-0	31	1-B 8
2022790-6	105	1-E10	2022860-7	119	1-E24	2023063-7	59	1-C12	2023146-0	133	1-F14
2022791-4	105	1-E10	2022861-5	119	1-E24	2023064-5	59	1-C12	2023147-8	31	1-B 8
2022792-2	105	1-E10	2022865-6	123	1-F 4	2023065-2	59	1-C12	2023148-6	31	1-B 8
2022793-0	105	1-E10	2022866-4	123	1-F 4	2023066-0	59	1-C12	2023148-6	133	1-F14
2022794-8	105	1-E10	2022867-2	123	1-F 4	2023067-8	59	1-C12	2023149-4	31	1-B 8
2022795-5	105	1-E10	2022868-0	123	1-F 4	2023068-6	59	1-C12	2023149-4	133	1-F14
2022796-3	105	1-E10	2022869-8	123	1-F 4	2023072-8	59	1-C12	2023150-2	31	1-B 8
2022797-1	105	1-E10	2022870-6	123	1-F 4	2023073-6	59	1-C12	2023150-2	133	1-F14
2022798-9	127	1-F 8	2022871-4	117	1-E22	2023074-4	99	1-E 4	2023151-0	31	1-B 8
2022799-7	105	1-E10	2022872-2	117	1-E22	2023075-1	99	1-E 4	2023152-8	31	1-B 8
2022800-3	105	1-E10	2022873-0	117	1-E22	2023076-9	99	1-E 4	2023153-6	133	1-F14
2022801-1	105	1-E10	2022874-8	117	1-E22	2023077-7	99	1-E 4	2023154-4	133	1-F14
2022802-9	105	1-E10	2022875-5	117	1-E22	2023078-5	99	1-E 4	2023155-1	133	1-F14
2022803-7	105	1-E10	2022876-3	117	1-E22	2023079-3	61	1-C14	2023156-9	133	1-F14
2022804-5	105	1-E10	2022877-1	117	1-E22	2023080-1	61	1-C14	2023157-7	31	1-B 8
2022805-2	105	1-E10	2022878-9	117	1-E22	2023081-9	61	1-C14	2023157-7	133	1-F14
2022806-0	105	1-E10	2022882-1	125	1-F 6	2023081-9	135	1-F16	2023159-3	177	1-H10
2022807-8	105	1-E10	2022884-7	111	1-E16	2023082-7	61	1-C14	2023160-1	175	1-H 8
2022808-6	105	1-E10	2022887-0	105	1-E10	2023084-3	61	1-C14	2023161-9	175	1-H 8
2022809-4	105	1-E10	2022891-2	125	1-F 6	2023085-0	59	1-C12	2023162-7	175	1-H 8
2022810-2	107	1-E12	2022892-0	125	1-F 6	2023086-8	61	1-C14	2023163-5	179	1-H12
2022811-0	107	1-E12	2022894-6	125	1-F 6	2023087-6	61	1-C14	2023164-3	179	1-H12
2022812-8	107	1-E12	2022895-3	109	1-E14	2023088-4	89	1-D18	2023165-0	179	1-H12
2022812-8	109	1-E14	2022896-1	125	1-F 6	2023089-2	89	1-D18	2023166-8	179	1-H12
2022813-6	107	1-E12	2022897-9	125	1-F 6	2023090-0	173	1-H 6	2023167-6	179	1-H12
2022814-4	109	1-E14	2022898-7	125	1-F 6	2023091-8	173	1-H 6	2023168-4	179	1-H12
2022815-1	107	1-E12	2022899-5	105	1-E10	2023093-4	173	1-H 6	2023169-2	177	1-H10
2022815-1	109	1-E14	2022900-1	105	1-E10	2023094-2	173	1-H 6	2023170-0	177	1-H10
2022816-9	107	1-E12	2022901-9	105	1-E10	2023095-9	173	1-H 6	2023171-8	179	1-H12
2022816-9	109	1-E14	2022902-7	105	1-E10	2023096-7	173	1-H 6	2023172-6	179	1-H12
2022817-7	107	1-E12	2022903-5	105	1-E10	2023097-5	173	1-H 6	2023173-4	179	1-H12
2022817-7	109	1-E14	2022904-3	105	1-E10	2023098-3	173	1-H 6	2023174-2	179	1-H12
2022818-5	107	1-E12	2022905-0	107	1-E12	2023099-1	173	1-H 6	2023175-9	175	1-H 8
2022818-5	109	1-E14	2022905-0	109	1-E14	2023101-5	89	1-D18	2023175-9	177	1-H10
2022819-3	107	1-E12	2022906-8	109	1-E14	2023102-3	91	1-D20	2023176-7	175	1-H 8
2022819-3	109	1-E14	2022907-6	107	1-E12	2023103-1	91	1-D20	2023176-7	177	1-H10
2022820-1	107	1-E12	2022907-6	109	1-E14	2023104-9	91	1-D20	2023177-5	175	1-H 8
2022820-1	109	1-E14	2022908-4	107	1-E12	2023105-6	91	1-D20	2023177-5	177	1-H10
2022821-9	107	1-E12	2022908-4	109	1-E14	2023106-4	91	1-D20	2023178-3	179	1-H12
2022821-9	109	1-E14	2022909-2	107	1-E12	2023107-2	91	1-D20	2023178-3	181	1-H14
2022822-7	109	1-E14	2022909-2	109	1-E14	2023108-0	91	1-D20	2023179-1	179	1-H12
2022823-5	109	1-E14	2022912-6	107	1-E12	2023109-8	41	1-B18	2023180-9	175	1-H 8
2022824-3	109	1-E14	2022912-6	109	1-E14	2023110-6	41	1-B18	2023180-9	177	1-H10
2022825-0	121	1-F 2	2022913-4	121	1-F 2	2023111-4	41	1-B18	2023180-9	179	1-H12
2022826-8	127	1-F 8	2022914-2	59	1-C12	2023112-2	41	1-B18	2023181-7	175	1-H 8
2022828-4	121	1-F 2	2022916-7	113	1-E18	2023115-5	115	1-E20	2023181-7	177	1-H10
2022829-2	121	1-F 2	2022917-5	113	1-E18	2023117-1	41	1-B18	2023181-7	179	1-H12
2022830-0	121	1-F 2	2022918-3	113	1-E18	2023118-9	41	1-B18	2023182-5	175	1-H 8
2022831-8	121	1-F 2	2022919-1	113	1-E18	2023119-7	49	1-C 2	2023182-5	177	1-H10
2022832-6	121	1-F 2	2022920-9	111	1-E16	2023120-5	49	1-C 2	2023182-5	179	1-H12
2022833-4	121	1-F 2	2022921-7	113	1-E18	2023121-3	49	1-C 2	2023183-3	175	1-H 8
2022834-2	121	1-F 2	2022922-5	123	1-F 4	2023122-1	49	1-C 2	2023183-3	177	1-H10
2022835-9	121	1-F 2	2022923-3	123	1-F 4	2023123-9	49	1-C 2	2023183-3	179	1-H12
2022836-7	121	1-F 2	2022924-1	117	1-E24	2023124-7	49	1-C 2	2023184-1	175	1-H 8
2022837-5	111	1-E16	2022924-1	119	1-E24	2023125-4	49	1-C 2	2023184-1	177	1-H10
2022838-3	111	1-E16	2022929-0	119	1-E24	2023126-2	49	1-C 2	2023185-8	175	1-H 8
2022839-1	111	1-E16	2022930-8	119	1-E24	2023127-0	49	1-C 2	2023185-8	177	1-H10
2022841-7	113	1-E18	2022931-6	119	1-E24	2023128-8	49	1-C 2	2023186-6	179	1-H12
2022842-5	113	1-E18	2022932-4	119	1-E24	2023129-6	49	1-C 2	2023187-4	179	1-H12
2022843-3	113	1-E18	2022933-2	119	1-E24	2023131-2	49	1-C 2	2023188-2	179	1-H12
2022844-1	113	1-E18	2022935-7	117	1-E22	2023132-0	49	1-C 2	2023189-0	65	1-C18
2022846-6	113	1-E18	2022936-5	117	1-E22	2023133-8	49	1-C 2	2023189-0	179	1-H12
2022847-4	113	1-E18	2022937-3	117	1-E22	2023134-6	49	1-C 2	2023190-8	87	1-D16
2022848-2	113	1-E18	2022938-1	117	1-E22	2023135-3	49	1-C 2	2023191-6	87	1-D16
2022849-0	113	1-E18	2022939-9	117	1-E22	2023137-9	61	1-C14	2023192-4	87	1-D16
2022850-8	113	1-E18	2022940-7	117	1-E22	2023138-7	83	1-D12	2023193-2	87	1-D16
2022851-6	111	1-E16	2022942-3	121	1-F 2	2023139-5	83	1-D12	2023194-0	87	1-D16







## NUMERICAL INDEX

Part	Page	Grid	Part	Page	Grid	Part	Page	Grid	Part	Page	Grid
4530845-9	14	1-A15	4530937-4	41	1-B18	4531018-2	23	1-A24			
4530845-9	39	1-B16	4530938-2	41	1-B18	4531019-0	43	1-B20			
4530845-9	41	1-B18	4530941-6	39	1-B16	4531020-8	19	1-A20			
4530846-7	57	1-C10	4530943-2	39	1-B16	4531021-6	17	1-A18			
4530847-5	43	1-B20	4530944-0	14	1-A15	4531022-4	15	1-A16			
4530849-1	53	1-C 6	4530944-0	39	1-B16	4531022-4	43	1-B20			
4530849-1	57	1-C10	4530945-7	41	1-B18	4531023-2	15	1-A16			
4530850-9	57	1-C10	4530947-3	31	1-B 8	4531023-2	43	1-B20			
4530851-7	73	1-D 2	4530948-1	31	1-B 8	4531024-0	43	1-B20			
4530852-5	53	1-C 6	4530950-7	31	1-B 8	4531025-7	17	1-A18			
4530853-3	53	1-C 6	4530952-3	37	1-B14	4531026-5	35	1-B12			
4530854-1	57	1-C10	4530953-1	37	1-B14	4531027-3	19	1-A20			
4530855-8	73	1-D 2	4530954-9	31	1-B 8	4531028-1	43	1-B20			
4530856-6	15	1-A16	4530955-6	31	1-B 8	4531029-9	43	1-B20			
4530856-6	43	1-B20	4530956-4	37	1-B14	4531032-3	75	1-D 4			
4530857-4	73	1-D 2	4530957-2	35	1-B12	4531033-1	23	1-A24			
4530857-4	75	1-D 4	4530958-0	35	1-B12	4912968-7	147	1-G 4			
4530860-8	73	1-D 2	4530959-8	35	1-B12	4914167-4	147	1-G 4			
4530861-6	17	1-A18	4530960-6	35	1-B12	4914199-7	147	1-G 4			
4530862-4	17	1-A18	4530961-4	35	1-B12	4988653-4	167	1-G24			
4530863-2	14	1-A15	4530962-2	35	1-B12	4988653-4	169	1-H 2			
4530863-2	29	1-B 6	4530963-0	37	1-B14	4988655-9	169	1-H 2			
4530864-0	29	1-B 6	4530964-8	37	1-B14	4997593-1	167	1-G24			
4530865-7	23	1-A24	4530965-5	17	1-A18	4997593-1	169	1-H 2			
4530866-5	29	1-B 6	4530966-3	43	1-B20						
4530869-9	41	1-B18	4530967-1	43	1-B20						
4530871-5	53	1-C 6	4530968-9	43	1-B20						
4530872-3	73	1-D 2	4530969-7	43	1-B20						
4530874-9	65	1-C18	4530970-5	43	1-B20						
4530875-6	14	1-A15	4530971-3	14	1-A15						
4530879-8	23	1-A24	4530971-3	43	1-B20						
4530884-8	19	1-A20	4530973-9	45	1-B22						
4530885-5	19	1-A20	4530974-7	14	1-A15						
4530888-9	15	1-A16	4530974-7	35	1-B12						
4530888-9	17	1-A18	4530975-4	45	1-B22						
4530890-5	17	1-A18	4530976-2	35	1-B12						
4530891-3	17	1-A18	4530977-0	35	1-B12						
4530892-1	17	1-A18	4530978-8	49	1-C 2						
4530894-7	25	1-B 2	4530979-6	47	1-B24						
4530895-4	25	1-B 2	4530979-6	49	1-C 2						
4530896-2	25	1-B 2	4530980-4	47	1-B24						
4530897-0	25	1-B 2	4530981-2	47	1-B24						
4530898-8	25	1-B 2	4530982-0	47	1-B24						
4530899-6	25	1-B 2	4530983-8	47	1-B24						
4530903-6	21	1-A22	4530984-6	47	1-B24						
4530904-4	37	1-B14	4530985-3	47	1-B24						
4530905-1	35	1-B12	4530986-1	47	1-B24						
4530906-9	37	1-B14	4530987-9	47	1-B24						
4530907-7	17	1-A18	4530988-7	47	1-B24						
4530908-5	14	1-A15	4530989-5	47	1-B24						
4530909-3	45	1-B22	4530990-3	47	1-B24						
4530911-9	43	1-B20	4530991-1	47	1-B24						
4530913-5	73	1-D 2	4530992-9	47	1-B24						
4530914-3	73	1-D 2	4530994-5	47	1-B24						
4530915-0	73	1-D 2	4530995-2	43	1-B20						
4530915-0	81	1-D10	4530996-0	53	1-C 6						
4530916-8	73	1-D 2	4530997-8	53	1-C 6						
4530916-8	81	1-D10	4530998-6	51	1-C 4						
4530917-6	14	1-A15	4530999-4	53	1-C 6						
4530917-6	19	1-A20	4531000-0	53	1-C 6						
4530918-4	73	1-D 2	4531001-8	53	1-C 6						
4530919-2	19	1-A20	4531002-6	51	1-C 4						
4530921-8	14	1-A15	4531003-4	14	1-A15						
4530921-8	19	1-A20	4531003-4	73	1-D 2						
4530923-4	27	1-B 4	4531004-2	73	1-D 2						
4530924-2	17	1-A18	4531005-9	73	1-D 2						
4530925-9	17	1-A18	4531005-9	79	1-D 8						
4530927-5	17	1-A18	4531006-7	73	1-D 2						
4530927-5	19	1-A20	4531007-5	73	1-D 2						
4530929-1	33	1-B10	4531008-3	73	1-D 2						
4530930-9	14	1-A15	4531009-1	73	1-D 2						
4530930-9	33	1-B10	4531011-7	14	1-A15						
4530932-5	21	1-A22	4531013-3	15	1-A16						
4530934-1	23	1-A24	4531016-6	73	1-D 2						
4530936-6	23	1-A24	4531017-4	73	1-D 2						

**840C LOADER  
ENGINE**

**GASKET SET  
MAJOR OVERHAUL**

ITEM	NUMBER	QTY.	DESCRIPTION
—	4531011-7	1	GASKET SET., major overhaul (Incl. Items 1 thru 37)
1	4530518-2	3	GASKET
2	4530917-6	2	GASKET, cylinder head
3	4530103-3	6	GASKET, rocker cover
4	4530921-8	2	GASKET, rocker cover
5	4530264-3	1	GASKET, front plate
6	4530875-6	1	GASKET
7	4530178-5	1	GASKET
8	4530147-0	1	WASHER, sealing
9	4530273-4	1	GASKET, timing gear case
10	4530863-2	1	GASKET, timing gear case
11	4530930-9	1	GASKET, oil pan
12	4530410-2	2	GASKET, intake manifold
13	4530845-9	1	GASKET, exhaust manifold to muffler
14	4530944-0	2	GASKET, exhaust manifold
15	4530543-0	1	GASKET
16	4530150-4	1	GASKET, oil strainer
17	4530146-2	5	WASHER, sealing
18	4530508-3	1	O-RING
19	4530321-1	1	GASKET, oil filter
20	4530971-3	1	GASKET, water pump
21	4530328-6	1	GASKET, water pump
22	4530207-2	1	GASKET, thermostat cover
23	4530208-0	1	GASKET, thermostat
24	4530150-4	6	GASKET
25	4530212-2	1	O-RING, injection pump
26	4530124-9	1	GASKET, injection pump
27	4530158-7	6	GASKET, nozzle
28	4531003-4	1	O-RING, starter
29	4530267-6	1	GASKET, rear plate
30	4530148-8	1	WASHER, sealing
31	4530179-3	1	GASKET
32	4530326-0	1	GASKET
33	4530908-5	1	GASKET
34	4530267-6	1	GASKET, flywheel hsg.
35	4530974-7	2	GASKET, water pipe
36	4530518-2	10	GASKET, oil pipe
37	4530223-9	1	GASKET, oil filler

840C LOADER  
ENGINE

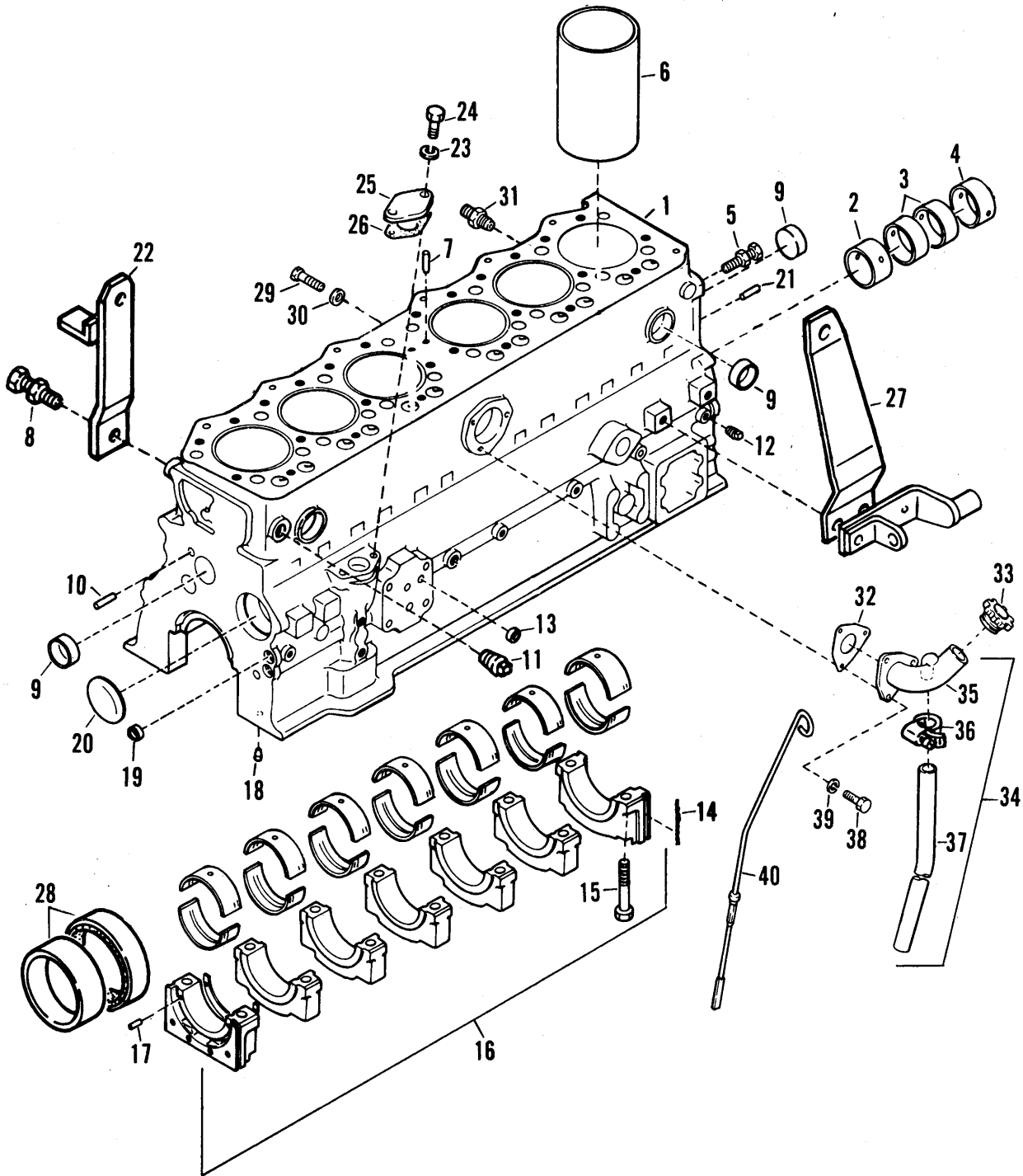
SEAL KIT

ITEM	NUMBER	QTY.	DESCRIPTION
-	4531013-3	1	SEAL KIT, engine (Incl. Items 1 thru 7)
1	4530164-5	12	SEAL, valve stem
2	4530262-7	4	SEAL, side crankcase
3	4530888-9	1	SEAL ASY., oil - rear
4	4530825-1	1	SEAL, oil
5	4531023-2	1	SEAL, oil - water pump
6	4531022-4	1	SEAL, oil - water pump
7	4530856-6	1	SEAL, oil - water pump



840C LOADER  
ENGINE

CYLINDER BLOCK



840C LOADER  
ENGINE

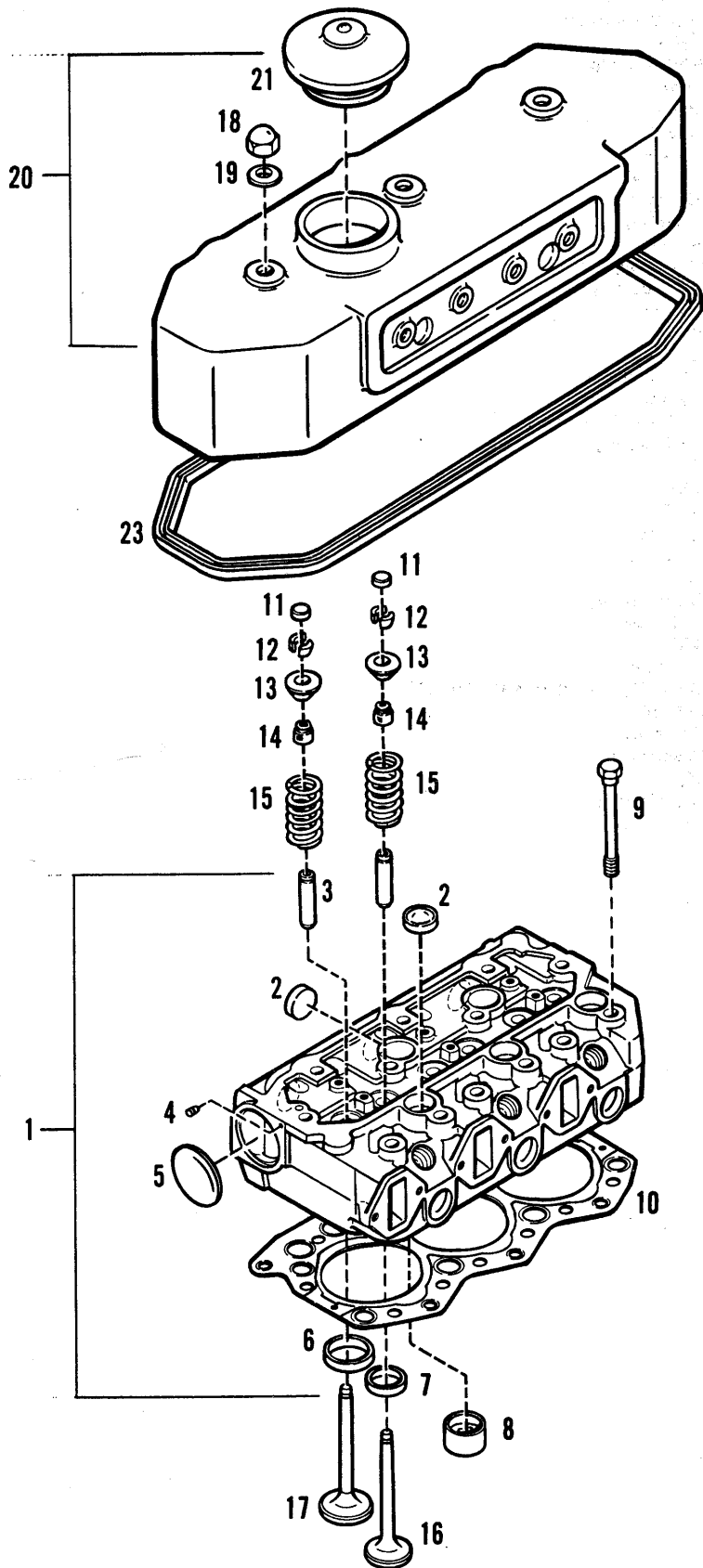
17

CYLINDER BLOCK

ITEM	NUMBER	QTY.	DESCRIPTION
1	4530927-5	1	BLOCK ASY., cylinder (Incl. Items 1 thru 21)
2	4530167-8	1	BUSHING, camshaft No. 1
3	4530153-8	2	BUSHING, camshaft No. 2
4	4530154-6	1	BUSHING, camshaft No. 3
5	4530891-3	1	HANGER
6	4530890-5	6	SLEEVE, cylinder
7	4531021-6	4	PIN, dowel
8	4530862-4	1	HANGER
9	4530143-9	15	CAP, sealing
10	4530500-0	2	PIN, dowel
11	4530525-7	1	PLUG, taper
12	4530524-0	4	PLUG, taper
13	4530140-5	4	CAP, sealing
14	4530262-7	4	SEAL, side
15	4530261-9	14	BOLT, bearing cap
16	4530924-2	1	CAPSET, bearing
17	0950649-4	6	PIN, spring
18	4530171-0	3	PLUG
19	4530141-3	3	CAP, sealing
20	4530526-5	1	PLUG, expansion
21	4530200-7	2	PIN, dowel
22	4530892-1	1	EYE, lifting
23	0950219-6	2	WASHER, spring
24	0950018-2	2	BOLT
25	4530861-6	1	COVER
26	4530178-5	1	GASKET
27	4530925-9	1	EYE, lifting
28	4530888-9	1	SEAL ASY., oil
29	0950034-9	1	BOLT
30	4530147-0	1	WASHER, sealing
31	4530527-3	1	CONNECTOR
32	4530223-9	1	GASKET
33	4530235-3	1	CAP, oil filler
34	4530965-5	1	FILLER ASY., oil (Incl. Items 35 thru 37)
35	4530322-9	1	FILLER, oil
36	0925755-1	1	CLAMP, hose
37	4531025-7	1	TUBE soft vinyl
38	0950017-4	3	BOLT
39	0950219-6	3	WASHER, spring
40	4530907-7	1	GAUGE, oil level

840C LOADER  
ENGINE

CYLINDER HEAD



840C LOADER  
ENGINE

## CYLINDER HEAD

ITEM	NUMBER	QTY.	DESCRIPTION
1	4530919-2	2	HEAD ASY., cylinder (Incl. Items 1 thru 10)
2	4530142-1	24	CAP, sealing
3	4530159-5	12	GUIDE, valve
4	4531020-8	2	PIN, dowel
5	4531027-3	2	CAP, sealing
6	4530721-2	6	INSERT, valve seat, inlet
7	4530723-8	6	INSERT, valve seat, exhaust
8	4530885-5	6	JET, combustion
9	4530884-8	26	BOLT, cylinder head
10	4530917-6	2	GASKET, cylinder head
11	4530198-3	12	CAP
12	4530197-5	24	COTTER, valve
13	4530162-9	12	RETAINER, upper
14	4530164-5	12	SEAL, valve stem
15	4530160-3	12	SPRING, valve, outer
16	4530726-1	6	VALVE, exhaust
17	4530725-3	6	VALVE, inlet
18	4530110-8	6	NUT, cap
19	4530103-3	6	GASKET
20	4530927-5	2	COVER ASY., rocker
21	4530100-9	2	CAP, oil filler
22	4530921-8	2	GASKET, rocker cover