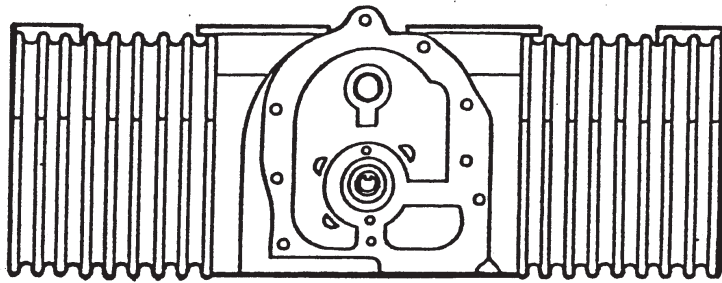




Product Guide

Short Block Index

Engines/GenSets



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Introduction

This guide is prepared in alphabetical sequence by model series. Example: AJ series, AK series, B43E series. Within the alphabetical sequence the models are in alphabetical/numerical sequence. Example: 1.5AJ-1P/1, 2.5AJ-1R/1, 2.5AJ-1R/13. Note, however, that sometimes genset models precede and sometimes they follow engine models for a given series.

Short Block Definition

Generally, an Onan short block includes the crankcase or cylinder block proper, all bearings, crankshaft, camshaft, timing gears, connecting rod(s), piston(s) and rings, valve train, and oil pump. It excludes flywheel, ignition system, charging system, oil base, cylinder heads, oil fill tube and indicator, muffler or exhaust manifold, carburetor, choke, air cleaner, fuel tank, oil pickup tube and cup assembly, valve covers, gearcase cover, necessary studs and gaskets, sheet metal parts such as blower housing, and accessories such as starters.

Some notable exceptions are:

1. J Series: excludes valve train; typically includes gearcase cover.
2. AJ Series: includes gearcase cover.
3. Elite Series: excludes valve train.
4. KY Series: excludes valve train; includes oil base.

Additional Information for Using Index

1. When available, genset replacement engines (100-xxxx) are listed in place of short blocks (110-xxxx). Replacement engines for non-Onan manufactured engines are typically supplied with all components as vendor purchased.

2. Model Identification:

Generator Set: 5.0CCK-3CR/8672 → 5.0 CCK-3CR / 8672J
A B C D

Industrial Engine: CCK-MS/2735J → CCK-MS / 2735J
B C D

- A. kW Rating
- B. Model
- C. Diagonal line separating Model and Specification
- D. Specification

3. When no specification (spec) number or letter is shown after the model, the short block or replacement engine will work for all spec numbers and/or spec letters.
4. Prior to 1969, a decimal was not used in the kW rating. All models are listed in the Index using the decimal system. Example: 6.0CCK was formerly 6CCK.

Model **Gasket Kit No. (See note below)**

AJ (RV Gen Set)	168-0196, & 509-0123
AJ, AK (Gen Set)	168-0196
AJ (Batt Chg)	168-0196, & 103-0337, 509-0110, 509-0123
B43,B48 (Std Head Gaskets)	168-0187
BF (Engine)	168-0187
BF (Power Drawer)	168-0187, & 102-0715
BFA, BGA, BGAL	168-0187, & 102-1275
BGD, BDGL, BGE, BGEL, BGM	168-0192
CCK, CCKA, CCKB	168-0194
DJA	168-0085
DJB, DJBA, DJBMA	168-0198
DJB (Contractor)	168-0198, & 509-0111, 509-0112
DJC	168-0199
DJC (Contractor)	168-0199, & 509-0111, 509-0112
DJE	168-0201
DJE (Contractor)	168-0201, & 509-0111, 509-0112
E125H/E140H	168-0214
E125V, E140V (Spec A-B)	168-0186
E125V, E140V (Spec C-E)	168-0220
EGH (1.4, 1.7, 25)	168-0216
EGH (3.5, 4.0)	168-0217
EGH (5.0, 6.0)	168-0218
EGS	168-0215
HDKAG	168-0225
JB, J60	168-0198
JC, J120	168-0199
KY	168-0213
L25	168-0194
LK (Gen Set)	168-0194, & 145-0110, 145-0469
LKB (Gen Set)	168-0194
MAJ	168-0196, & (2) 509-0044
MAJB	168-0196
MCKK	168-0195
MCE	168-0195
MDJA	168-0195
MDJB	168-0080
MDJC	168-0203

Model	Gasket Kit No. (See note below)
MDJE	168-0202
MDJF	168-0204
MDKAD	168-0221-01
MDKAE	168-0221-02
MDKAF	168-0223
MDKUB	168-0223
MDKWB	168-0224
MJB	168-0079
MJC	168-0094
N52M	168-0191
NH (Engine)	168-0191, & (2) 154-1250, (2) 155-1070, 160-0150, 160-1040, 509-0097
NH (Power Drawer)	168-0191, & 102-0734
NH (RV-Prior to Spec M)	168-0191
NH (RV-Begin Spec M)	168-0191, & 102-1275
NHA, NHB, NHC,	168-0191
NHD, NHE, NHEL	168-0193
NHL	168-0191, & 102-1275
NHM	168-0193
NHP	168-0191
P216G, P218G, P220G	168-0187
P216V, P218V, P220V, P248V	168-0188
P224G	168-0191
RCCK	168-0195
RDJA	168-0197
RDJC	168-0203
RDJE, RDJEA	168-0202
RDJF	168-0204, & 123-1049
RJC	168-0203, & (2) 110-1211
T260	168-0191

NOTE: When installing a short block, a complete engine gasket kit must also be ordered. The above list includes complete gasket kits only plus parts unique to the model or application. The kit might contain gaskets or seals not applicable to your original engine. Order quantity of one unless specified otherwise. For additional gasket information and models not listed, see Parts Manual for specific model.

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
AJ		2.5AJ-1P/11066K,N	110-2219
1.0AJ-1E3500/1G	110-2023	2.5AJ-1PL/1G,H,K	110-2025
1.0AJ-1M/1E,K	110-2021	2.5AJ-1PL/6033H	110-2025
1.0AJ-1R/1E,K	110-2021	2.5AJ-1R/1G,H,K	110-2025
1.0AJ-1R/13G	110-2021	2.5AJ-1R/13K,M	110-2025
1.0AJ-1R/8100K,M	110-2021	2.5AJ-1R/31H	110-2025
1.0AJ-1R/8389K	110-2021	2.5AJ-1R/131H	110-2025
1.0AJ-1RV/1K	110-2021	2.5AJ-1R/1234K	110-2025
1.0AJ-1RV/1842E	110-2021	2.5AJ-1R/1983M	110-2522
1.0AJ-1RV/1873G	110-2021	2.5AJ-1R/2634M	110-2025
1.0AJ-1RV1330/1G	110-2021	2.5AJ-1R/8100K	110-2025
1.5AJ-1P/1G	110-2021	2.5AJ-1R/8389K	110-2025
1.5AJ-1RV/5970H	N/A	2.5AJ-1R/8390K,M	110-2025
1.5AJ-115M/1G,K	110-2022 (8)	2.5AJ-1R/8525M	110-2219
1.5AJ-224E/1J,K,M	110-2023	2.5AJ-1R/8753K	110-2025
1.5AJ-224E/1234J	110-2023	2.5AJ-1R/8813K	110-2025
1.5AJ-224E/7885K	110-2023	2.5AJ-1R/9798M	110-2219
1.5AJ-224E/8100L	110-2023	2.5AJ-1R31/1K	110-2025
1.5AJ-224E/8396K	110-2024	2.5AJ-1R31/8400M	110-2025
1.5AJ-224E/12283L	110-2231	2.5AJ-1RV/1H	110-2025
1.5AJ-232E/1E,K,L	110-2021	2.5AJ-1RV/862H	110-2025
1.5AJ-232EV/2174G	N/A	2.5AJ-3E/4114K	110-2025
2.0AJ-AR/34676N	110-2522	2.5AJ-3M/1C	110-2025
2.0AJ-51P/1N	110-2025	2.5AJ-3P/1G,H,K,N	110-2025
2.0AJ-52R/12020N	110-2662	2.5AJ-3P/8200M	110-2025
2.0AJ-52P/26662N	110-2231 (10)	2.5AJ-3R/12K,M	110-2025
2.5AJ-1E/4114J,K,N	110-2025	2.5AJ-3R/13K,M	110-2025
2.5AJ-1E/6820K	110-2026	2.5AJ-3R/8389M	110-2025
2.5AJ-1E/10898K	110-2493	2.5AJ-3R/8390K,M	110-2025
2.5AJ-1E/12006K	110-2026	2.5AJ-3R/8657K	110-2025
2.5AJ-1E/13036K,M	110-2026	2.5AJ-3R31/1K,M	110-2025
2.5AJ-1E3900/4155H,J	110-2025	2.5AJ-3R/8486K	110-2025
2.5AJ-1E3900/4860H	110-2025	2.5AJ-3R/10967K	110-2219
2.5AJ-1M/1A,C,G	110-2025	2.7-AJ-1R/16016N	110-2662
2.5AJ-1M114/1G	110-2025	2.7AJ-1R/12020K,M,N	110-2662
2.5AJ-1ML/1G	110-2025	3.0AJ-1R/16011S	110-2822
2.5AJ-3M/1F	110-2025	3.0AJ-1R/16017P	110-2662
2.5AJ-1P/1B,C,E,F,H,K,N	110-2025	3.0AJ-1R/16017R,S	110-2822
2.5AJ-1P/96K	110-2219	3.0AJ-1R/16018P	110-2662
2.5AJ-1P/114G,K,F	110-2025	3.0AJ-1R/16018R,S	110-2822
2.5AJ-1P/6468K,N	110-2025		
2.5AJ-1P/8200K,N	110-2025		
2.5AJ-1P/8432K	110-2219		

Model Number **Short Block No.**

AK

0.5AK-1RV/2637H	110-2341
0.6AK-212E/1L,M	110-2341
0.6AK-212EV/4619H	110-2020
0.7AK-1R/826A	110-2341
0.7AK-1M/1F	110-2341
0.7AK-1R/1F	110-2341
0.7AK-224E/1M	N/A
0.7AK-224E/3021H	110-2341
0.7AK-224E/3021K,L	110-2020
0.7AK-224E/3172K	110-2020
1.5AK-1M/1E,G,H	110-2020
1.5AK-1P/1A,C,G,H,L	110-2020
1.5AK-1P/6468L	110-2020
1.5AK-1P114/1H,L	110-2020

B43E/B43G - When ordering short block for B43E or B43G, first check if old unit has combination carburetor-fuel pump. If it does, you must also order Governor Control Rod Kit 150-2460, Fuel Pump Cover Kit 149-1983, & Fuel Pump Kit 146-0466 (5)

B43E-GA016/4130	110-3823-03	
B43E-GA016/4232	110-3823-03	
B43E-GA016/4239	110-3823-01	
B43E-GA016/4246	110-3823-01	
B43E-GA016/4247	110-3823-01	
B43E-GA016/4260	110-3823-01	
B43E-GA016/4270	110-3823-01	
B43E-GA016/4303	110-3823-01	
B43E-GA016/4313	110-3823-08	
B43E-GA016/4317	110-3823-06	
B43E-GA016/4318	110-3823-01	
B43E-GA016/4326	110-3823-03	
B43E-GA016/4335	110-3823-10	(4)
B43E-GA016/4350	110-3823-01	
B43E-GA016/4355	110-3823-01	
B43E-GA016/4356	110-3823-10	(4)
B43E-GA016/4369	110-3823-08	
B43E-GA016/4372	110-3823-06	
B43E-GA016/4405	110-3823-01	
B43E-GA016/4418	110-3823-08	
B43E-GA016/4426	110-3823-01	

Model Number **Short Block No.**

B43G-GA018/3733	110-3823-05
B43G-GA018/4060	110-3823-03
B43G-GA018/4113	110-3823-02
B43G-GA018/4135	110-3823-03
B43G-GA018/4137	110-3823-02
B43G-GA018/4166	110-3823-06
B43G-GA018/4167	110-3823-03
B43G-GA018/4173	110-3823-03
B43G-GA018/4174	110-3823-03
B43G-GA018/4206	110-3823-03
B43G-GA018/4219	110-3823-01
B43G-GA018/4230	110-3823-03
B43G-GA018/4233	110-3823-03
B43G-GA018/4234	110-3823-03
B43G-GA018/4237	110-3823-01
B43G-GA018/4262	110-3823-01
B43G-GA018/4263	110-3823-02
B43G-GA018/4265	110-3823-01
B43G-GA018/4272	110-3823-01
B43G-GA018/4295	110-3823-01
B43G-GA018/4327	110-3823-03
B43G-GA018/4336	110-3824-06

B43M - When ordering short block for B43M, you must also order Governor Rod Kit 150-2460, Fuel Pump Cover Kit 149-1983, & Fuel Pump Kit 146-0466. If old unit had threaded exhaust adapters, order Exhaust Flange Adapter Kit 541-0370. (5)

B43M-GA016/3418	110-3823-01	
B43M-GA016/3419	110-3824-05	(1)
B43M-GA016/3420	110-3823-01	
B43M-GA016/3422	110-3823-05	
B43M-GA016/3433	110-3823-01	
B43M-GA016/3441	110-3823-03	
B43M-GA016/3442	110-3823-03	
B43M-GA016/3507	110-3823-01	
B43M-GA016/3543	110-3823-01	
B43M-GA016/3552	110-3824-05	(1)
B43M-GA016/3570	110-3823-01	
B43M-GA016/3586	110-3823-03	
B43M-GA016/3602	110-3823-01	
B43M-GA016/3622	110-3824-05	
B43M-GA016/3782	110-3823-01	
B43M-GA016/3798	110-3823-09	(4)
B43M-GA016/3812	110-3823-03	
B43M-GA016/3840	110-3823-09	(4)

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
B43M-GA016/3842	110-3823-01	B48G-GA020/4143	110-3824-03
B43M-GA016/3896	110-3823-09 (4)	B48G-GA020/4144	110-3824-02
B43M-GA016/3902	110-3823-01	B48G-GA020/4145	110-3824-04
B43M-GA016/3945	110-3823-12	B48G-GA020/4146	110-3824-02
B43M-GA016/3956	110-3823-01	B48G-GA020/4168	110-3824-02
B43M-GA016/3984	110-3823-09 (4)	B48G-GA020/4175	110-3824-01
B43M-GA016/3996	110-3823-12	B48G-GA020/4176	110-3824-01
B43M-GA016/4029	110-3823-01	B48G-GA020/4192	110-3824-02
B43M-GA016/4034	110-3823-03	B48G-GA020/4208	110-3824-01
B43M-GA016/4150	110-3823-01	B48G-GA020/4216	110-3824-11
B43M-GA016/4183	110-3823-04	B48G-GA020/4218	110-3824-09
B43M-GA016/4248	110-3823-03	B48G-GA020/4223	110-3824-01
B43M-GA016/4250	110-3823-01	B48G-GA020/4224	110-3824-01
B43M-GA016/4254	110-3823- (14)	B48G-GA020/4225	110-3824-01
B43M-GA016/4289	110-3823-01	B48G-GA020/4230	110-3824-01
B43M-GA016/4380	110-3823-01	B48G-GA020/4231	110-3824-09 (3)
B43M-GA016/4417	110-3823-01	B48G-GA020/4235	110-3824-01
B43M-GA016/4420	110-3823-05	B48G-GA020/4249	110-3824-01
		B48G-GA020/4261	110-3824-01
B48G - When ordering short block for B48G, first check if old unit has combination carburetor-fuel pump. If it does, you must also order Governor Control Rod Kit 150-2460, Fuel Pump Cover Kit 149-1983, & Fuel Pump Kit 146-0466. (5)		B48G-GA020/4262	110-3824-02
		B48G-GA020/4264	110-3824-03
		B48G-GA020/4273	110-3824-02
		B48G-GA020/4276	110-3824-03
		B48G-GA020/4278	110-3824-02
		B48G-GA020/4283	110-3824-09 (4)
B48G-GA019.9/37	110-3824-03 (1)	B48G-GA020/4291	110-3824-02
B48G-GA019.9/3713	110-3824-02	B48G-GA020/4294	110-3824-01
B48G-GA019.9/3738	110-3824-06	B48G-GA020/4296	110-3824-09 (3)
B48G-GA019.9/3800	110-3824-02	B48G-GA020/4316	110-3824-07
B48G-GA019.9/3831	110-3824-09 (3)	B48G-GA020/4321	110-3824-02
B48G-GA019.9/3858	110-3824-03	B48G-GA020/4325	110-3824-03
		B48G-GA020/4328	110-3824-01
B48G-GA020/1	110-3824-02	B48G-GA020/4329	110-3824-01
B48G-GA020/3707E	110-3824-03	B48G-GA020/4339	110-3824-09 (4)
B48G-GA020/4085	110-3824-03	B48G-GA020/4344	110-3824-10
B48G-GA020/3858	110-3824-03	B48G-GA020/4346	110-3824-02
B48G-GA020/4000	110-3824-01	B48G-GA020/4348	110-3824-04
B48G-GA020/4001	110-3824-02	B48G-GA020/4351	110-3824-03
B48G-GA020/4051	110-3824-04	B48G-GA020/4353	110-3824-01
B48G-GA020/4061	110-3824-01	B48G-GA020/4359	110-3824-11 (6)
B48G-GA020/4074	110-3824-03	B48G-GA020/4360	110-3824-02
B48G-GA020/4136	110-3824-01 (11)	B48G-GA020/4365	110-3824-12
B48G-GA020/4138	110-3824-03	B48G-GA020/4368	110-3824-12
B48G-GA020/4139	110-3824-04	B48G-GA020/4370	110-3824-02
B48G-GA020/4140	110-3824-02	B48G-GA020/4374	110-3824-01
B48G-GA020/4141	110-3824-01	B48G-GA020/4375	110-3820-03
B48G-GA020/4142	110-3824-09 (3)	B48G-GA020/4378	110-3824-09 (3)

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
B48G-GA020/4386	110-3824-09 (3)	B48M-GA018/4184	110-3824-04
B48G-GA020/4409	110-3824-02	B48M-GA018/4227	110-3824-08 (4)
B48G-GA020/4411	110-3824-02	B48M-GA018/4229	110-3824-08 (4)
B48G-GA020/4413	110-3824-01	B48M-GA018/4236	110-3824-18
B48G-GA020/4430	110-3824-01	B48M-GA018/4238	110-3824-02
B48G-GA020/4431	110-3824-06	B48M-GA018/4252	110-3824-08 (4)
B48G-GA020/4433	110-3824-03	B48M-GA018/4279	110-3824-02
B48G-GA020/4434	110-3824-03	B48M-GA018/4299	110-3824-18
B48G-GA020/4436	110-3824-02	B48M-GA018/4315	110-3824-08 (4)
B48G-GA020/4445	110-3824-03	B48M-GA018/4349	110-3824-02
B48G-GA020/4446	110-3824-01	B48M-GA018/4381	110-3824-11 (6)
B48G-GA020/4447	110-3824-01	B48M-GA018/4387	110-3824-18
		B48M-GA018/4401	110-3824-18

B48M - When ordering short block for B48M, you must also order Governor Rod Kit 150-2460, Fuel Pump Cover Kit 149-1983, and Fuel Pump Kit 146-0466. If old unit had threaded exhaust adapters, order Exhaust Flange Adapter Kit 541-0370. (5)

BF/BFA/BFAB - When ordering BF/BFA/BFAB short block you must also order Exhaust Flange Adapter Kit 541-0370, Governor Rod Kit 150-2460, Fuel Pump Cover Kit 149-1983 & Fuel Pump Kit 146-0466. (5) (7)

B48M-GA018/3417	110-3824-02	BF-MS/2266	110-3823-01
B48M-GA018/3421	110-3824-02	BF-MS/2270	110-3823-01
B48M-GA018/3423	110-3824-06	BF-MS/2271	110-3823-01
B48M-GA018/3438	110-3824-02	BF-MS/2290	110-3823-05
B48M-GA018/3443	110-3824-01	BF-MS/2291	110-3823-05
B48M-GA018/3444	110-3824-01	BF-MS/2366	110-3823-01
B48M-GA018/3450	110-3824-18	BF-MS/2367	110-3823-01
B48M-GA018/3475	110-3824-02	BF-MS/2379	110-3823-01
B48M-GA018/3508	110-3824-02	BF-MS/2425B	110-3823-01
B48M-GA018/3547	110-3824-02	BF-MS/2434	110-3824-05 (1)
B48M-GA018/3548	110-3824-02	BF-MS/2449	110-3823-01
B48M-GA018/3560	110-3824-02	BF-MS/2493	110-3823-01
B48M-GA018/3588	110-3824-01	BF-MS/2665	110-3823-05
B48M-GA018/3615	110-3824-01	BF-MS/2666	110-3823-01
B48M-GA018/3631	110-3824-05 (1)	BF-MS/2675	110-3823-01
B48M-GA018/3633	110-3824-02	BF-MS/2728	110-3823-01
B48M-GA018/3649	110-3824-01	BF-MS/2833	110-3823-01
B48M-GA018/3783	110-3824- (14)	BF-MS/2851	110-3823-01
B48M-GA018/3799	110-3824-08 (4)	BF-MS/2891	110-3824-05 (1)
B48M-GA018/3818	110-3824-02	BF-MS/2927	110-3823-01
B48M-GA018/3819	110-3824-02	BF-MS/2929	110-3823-01
B48M-GA018/4087	110-3824-02	BF-MS/2938	110-3823-01
B48M-GA018/4088	110-3824-12	BF-MS/3128	110-3824-20 (9)
B48M-GA018/4107	110-3824-11 (6)	BF-MS/3157	110-3823-01
B48M-GA018/4108	110-3824-11 (6)	BF-MS/3177	110-3824-05 (1)
B48M-GA018/4109	110-3824-11 (6)	BF-MS/3221	110-3823-01
B48M-GA018/4111	110-3824-11	BF-MS/3250	110-3823-01
B48M-GA018/4153	110-3824-08 (4)	BF-MS/3264	110-3824-05 (1)

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
BF-MS/3265	110-3823-01	BG-MS/2950	110-3824-02
BF-MS/3268	110-3823-01	BG-MS/2980	110-3824-02
BF-MS/3271	110-3823-01	BG-MS/3158	110-3824-02
BF-MS/3283	110-3823-01	BG-MS/3270	110-3824-02
BF-MS/3294	110-3823-01	BG-MS/3272	110-3824-02
BF-MS/3347	110-3823-01	BG-MS/3310	110-3824-02
BF-MS/3398	110-3823-01	BG-MS/3344	110-3824-02
BF-MS/3414	110-3823-01		
BF-MS/3437	110-3823-01	4.0BGA-3CR/16019	110-3824-14
BF-MS/3446	110-3823-03	4.0BGA-53CR/16019	110-3824-14
BF-MS/3394	110-3823-01		
4.0BF-1R/9000	N/A	5.0BGA-3CR/16004	110-3824-14
4.0BF-1R/9500	N/A	5.0BGA-3CR/16019	110-3824-14
4.0BF-3CR/16000	110-3823-06	5.0BGA-3CR/16020	110-3824-14
4.0BF-3CR/16002	110-3823-06	5.0BGA-3CR/31200	110-3824-14
4.0BF-3CR/16004	110-3823-06	<u>BGD/BGDL</u>	110-3824-16
4.0BF-8R/17389	110-3823-06		
4.0BF-8R/20793	110-3823-06	<u>BGE/BGEL</u>	110-3824-16
5.0BF-341E/5277	N/A		
5.0BF-343E/8474	N/A	<u>BGM</u>	
4.0BFA-1R/16000	110-3823-06	Spec A	110-3824-16
4.0BFA-1R/16004	110-3823-06	Begin Spec B	110-3824-17
4.0BFA-1R/16019	110-3823-06		
4.0BFA-1R/16020	110-3823-06	<u>CCK</u>	
4.0BFA-1R/23000	110-3823-06		
4.0BFA-1R/23001	110-3823-06	CCK-F/1736G	110-3422-04
4.0BFA-3CR/20275	110-3823-06		
4.0BFA-3CR/22540	110-3823-06	CCK-MF/1311G	N/A
4.0BFA-3CR/25206	110-3823-06	CCK-MF/1354G	N/A
4.0BFA-3CR/25505	110-3823-06	CCK-MF/1542G	110-3422-04
4.0BFA-3CR/25998	110-3823-06	CCK-MF/2208G	N/A
4.0BFA-3CR/29309	110-3823-06	CCK-MF/3549G	N/A
4.0BFA-5DR/22541	110-3823-06	CCK-MF/3935J	110-3422-04
4.0BFA-5DR/27014	110-3823-06		
4.0BFA-5DR/27696	110-3823-06	CCK-MFV/134	110-3422-05
4.0BFA-5DR/28606	110-3823-06		
6.5BFAB-3E/1	110-3823-12	CCK-MS/312E	110-3422-04
6.5BFAB-3P/1	110-3823-12	CCK-MS/375E	110-3422-04
		CCK-MS/410D,E	110-3422-04
		CCK-MS/428E	110-3422-04
		CCK-MS/463D	110-3422-01
		CCK-MS/530E	110-3422-04
		CCK-MS/556E,F	110-3422-11
		CCK-MS/565E	110-3422-04
		CCK-MS/568E	110-3422-04

BG/BGA - When ordering BG/BGA short block, you must also order Exhaust Flange Adapter Kit 541-0370, Governor Rod Kit 150-2460, Fuel Pump Cover Kit 149-1983 & Fuel Pump Kit 146-0466. (5)

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
CCK-MS/610F	110-3422-01	CCK-MS/1196G	110-3422-10
CCK-MS/619E,F	110-3422-04	CCK-MS/1198G	110-3422-06
CCK-MS/628F	110-3422-04	CCK-MS/1202G	110-3422-14
CCK-MS/634F	N/A	CCK-MS/1204G	110-3422-06
CCK-MS/635F	N/A	CCK-MS/1212G	110-3422-04
CCK-MS/637F,G	110-3422-04	CCK-MS/1216F,G	110-3422-10
CCK-MS/651F	110-3422-04	CCK-MS/1221G	110-3422-05
CCK-MS/662F	N/A	CCK-MS/1227F	110-3422-05
CCK-MS/663F	N/A	CCK-MS/1233G	110-3422-01
CCK-MS/674F	N/A	CCK-MS/1235G	N/A
CCK-MS/675F,G	110-3422-04	CCK-MS/1236G	110-3422-17
CCK-MS/693F	110-3422-04	CCK-MS/1240G	110-3422-01
CCK-MS/696F	110-3422-04	CCK-MS/1243B,G	110-3422-17
CCK-MS/698F	110-3422-04	CCK-MS/1244G	110-3422-06
CCK-MS/707F	110-3422-04	CCK-MS/1247G	110-3422-17
CCK-MS/730F,G	110-3422-04	CCK-MS/1250G	N/A
CCK-MS/736F	110-3422-10	CCK-MS/1251G	110-3422-04
CCK-MS/747F	110-3422-06	CCK-MS/1254G	110-3422-01
CCK-MS/775F	110-3422-05	CCK-MS/1266G	N/A
CCK-MS/777F	110-3422-17	CCK-MS/1268G	110-3422-04
CCK-MS/778F	110-3422-04	CCK-MS/1284G	N/A
CCK-MS/780F	110-3422-04	CCK-MS/1286C	110-3422-04
CCK-MS/818F	110-3422-04	CCK-MS/1315G	N/A
CCK-MS/831F	110-3422-04	CCK-MS/1324G	110-3422-04
CCK-MS/842F	N/A	CCK-MS/1329G	110-3422-04
CCK-MS/847F	110-3422-17	CCK-MS/1338G	110-3422-04
CCK-MS/850F	N/A	CCK-MS/1352G	N/A
CCK-MS/851F	110-3422-05	CCK-MS/1377G	110-3422-02
CCK-MS/865F	110-3422-13	CCK-MS/1378G	110-3422-02
CCK-MS/867F,G	N/A	CCK-MS/1379G	110-3422-06
CCK-MS/915F	110-3422-04	CCK-MS/1380G	110-3422-04
CCK-MS/928F	110-3422-05	CCK-MS/1381G	110-3422-04
CCK-MS/931F	110-3422-04	CCK-MS/1382G	110-3422-04
CCK-MS/963F	110-3422-01	CCK-MS/1388G	110-3422-01
CCK-MS/1047F,G	N/A	CCK-MS/1395G	110-3422-06
CCK-MS/1070F	110-3422-06	CCK-MS/1400G	N/A
CCK-MS/1091G	110-3422-01	CCK-MS/1404G	110-3422-05
CCK-MS/1095G	110-3422-01	CCK-MS/1420G	110-3422-04
CCK-MS/1096F	110-3422-01	CCK-MS/1450G	110-3422-05
CCK-MS/1097G	110-3422-04	CCK-MS/1451G	110-3422-05
CCK-MS/1106F	110-3422-10	CCK-MS/1456G	N/A
CCK-MS/1108F	110-3422-05	CCK-MS/1458G	110-3422-06
CCK-MS/1121F	N/A	CCK-MS/1461G	110-3422-04
CCK-MS/1123F	N/A	CCK-MS/1464G	N/A
CCK-MS/1167F	N/A	CCK-MS/1475G	110-3422-14
CCK-MS/1174F	N/A	CCK-MS/1483G	110-3422-04
CCK-MS/1181F	110-3422-17	CCK-MS/1487G	N/A

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
CCK-MS/1522G	110-3422-04	CCK-MS/2866J	110-3422-05
CCK-MS/1532G	110-3422-06	CCK-MS/2964J	110-3422-04
CCK-MS/1548G	110-3422-14	CCK-MS/3010J	110-3422-16
CCK-MS/1573G	110-3422-04	CCK-MS/3166J	110-3422-12
CCK-MS/1594G	N/A	CCK-MS/3182J	110-3422-02
CCK-MS/1610G	110-3422-04	CCK-MS/3183J	110-3422-02
CCK-MS/1674G	110-3422-04	CCK-MS/3216J	110-3422-04
CCK-MS/1737G	110-3422-04	CCK-MS/3229J	110-3422-02
CCK-MS/1745G	110-3422-02	CCK-MS/3242J	110-3422-04
CCK-MS/1761G	110-3422-04	CCK-MS/3397J	110-3422-04
CCK-MS/1799G	110-3422-04	CCK-MS/3525J	N/A
CCK-MS/1833G	110-3422-14	CCK-MS/3535J	N/A
CCK-MS/1864G	110-3422-04	CCK-MS/3740J	110-3422-04
CCK-MS/1871G	110-3422-14	CCK-MS/3791J	110-3422-04
CCK-MS/1872G	110-3422-14	CCK-MS/3852J	110-3422-04
CCK-MS/1879G	110-3422-02	CCK-MS/3995J	110-3422-04
CCK-MS/1903G	110-3422-04	CCK-MS/4011J	110-3422-04
CCK-MS/1985G	110-3422-04	CCK-MS/4397J	110-3422-05
CCK-MS/2031G	110-3422-14		
CCK-MS/2032G	110-3422-14	CCK-MSV/416C	110-3422-04
CCK-MS/2083G	110-3422-14	CCK-MSV/588E	110-3422-04
CCK-MS/2151C,G	110-3422-04	CCK-MSV/675G	110-3422-04
CCK-MS/2171G	110-3422-02	CCK-MSV/707F	110-3422-04
CCK-MS/2240G	110-3422-04	CCK-MSV/775F	110-3422-05
CCK-MS/2289G	110-3422-02	CCK-MSV/780F	110-3422-04
CCK-MS/2326G	110-3422-14	CCK-MSV/865F	110-3422-13
CCK-MS/2327G	110-3422-14	CCK-MSV/877F	110-3422-14
CCK-MS/2348G	N/A	CCK-MSV/885F	110-3422-05
CCK-MS/2378H	N/A	CCK-MSV/913F	110-3422-05
CCK-MS/2446G	110-3422-04	CCK-MSV/929F	110-3422-05
CCK-MS/2485G	110-3422-04	CCK-MSV/936F	110-3422-04
CCK-MS/2504G	110-3422-13	CCK-MSV/982F	110-3422-05
CCK-MS/2508G	110-3422-14	CCK-MSV/1031F	110-3422-05
CCK-MS/2509G	110-3422-14	CCK-MSV/1039F	110-3422-14
CCK-MS/2593G	110-3422-02	CCK-MSV/1060F	110-3422-05
CCK-MS/2734J	110-3422-14	CCK-MSV/1061F	N/A
CCK-MS/2735J	110-3422-14	CCK-MSV/1069F	110-3422-05
CCK-MS/2740J	110-3422-01	CCK-MSV/1075F	110-3422-14
CCK-MS/2741J	110-3422-05	CCK-MSV/1076F	110-3422-14
CCK-MS/2747J	110-3422-04	CCK-MSV/1202G	110-3422-14
CCK-MS/2752J	110-3422-02	CCK-MSV/1203G	110-3422-14
CCK-MS/2763J	110-3422-04	CCK-MSV/1229G	110-3422-05
CCK-MS/2787J	110-3422-02	CCK-MSV/1242G	110-3422-05
CCK-MS/2804J	N/A	CCK-MSV/1338G	110-3422-04
CCK-MS/2821J	110-3422-01	CCK-MSV/1344G	110-3422-05
CCK-MS/2822J	110-3422-04	CCK-MSV/1404G	110-3422-05
CCK-MS/2857J	110-3422-01	CCK-MSV/1450G	110-3422-05

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
CCK-MSV/1451G	110-3422-05	CCK-4MG/477D	110-3422-15
CCK-MSV/1474G	110-3422-14	CCK-4MG/487D	110-3422-15
CCK-MSV/1475G	110-3422-14	CCK-4MG/555E	110-3422-15
CCK-MSV/1548G	110-3422-14	CCK-4MG/577E	110-3422-15
CCK-MSV/1578G	110-3422-04	CCK-4MG/584E	110-3422-15
CCK-MSV/1871G	110-3422-14	CCK-4MG/605E	110-3422-15
CCK-MSV/1872G	110-3422-14	CCK-4MG/650F	110-3422-15
		CCK-4MG/655F	110-3422-15
CCK-S/1G	110-3422-04	CCK-4MG/682F	110-3422-15
CCK-S/27G	110-3422-04	CCK-4MG/790F	110-3422-15
CCK-S/29G	110-3422-04	CCK-4MG/1699G	110-3422-15
CCK-S/28D,E,G	110-3422-04	CCK-4MG/1886G	N/A
CCK-S/397C,S	110-3422-11	CCK-4MGV/682F	110-3422-15
CCK-S/422C	110-3422-11		
CCK-S/435C,E	110-3422-10	CCK-13MC/117F	N/A
CCK-S/435D,F	110-3422-11	CCK-13MC/120F	N/A
CCK-S/475D	N/A		
CCK-S/509E	110-3422-04	<u>CCKA</u>	
CCK-S/538E	N/A		
CCK-S/652F	110-3422-04	CCKA-F/1736G	110-3422-04
CCK-S/653F	110-3422-04		
CCK-S/694F	110-3422-11	CCKA-MF/1530G	N/A
CCK-S/697F	110-3422-10	CCKA-MF/1824G	N/A
CCK-S/716F	110-3422-04	CCKA-MF/1924G	N/A
CCK-S/725F	110-3422-04	CCKA-MF/2921J	110-3422-05
CCK-S/797F,G	110-3422-12	CCKA-MF/3367J	N/A
CCK-S/849F	N/A	CCKA-MF/3385J	110-3422-04
CCK-S/883F	110-3422-04	CCKA-MF/3667J	110-3422-05
CCK-S/912F	N/A	CCKA-MF/3805J	110-3422-05
CCK-S/1107F	110-3422-10	CCKA-MF/4003J	110-3422-12
CCK-S/1117F	N/A		
CCK-S/1135G	110-3422-04	CCKA-MS/1J	110-3422-05
CCK-S/1195G	110-3422-10	CCKA-MS/1381G	110-3422-05
CCK-S/1237G	N/A	CCKA-MS/1522G	110-3422-05
CCK-S/1259G	110-3422-04	CCKA-MS/1552G	110-3422-04
CCK-S/1319G	N/A	CCKA-MS/1578G	110-3422-05
CCK-S/1570G	110-3422-12	CCKA-MS/1610G	110-3422-05
CCK-S/1627G	110-3422-12	CCKA-MS/1637G	110-3422-05
CCK-S/1982G	110-3422-12	CCKA-MS/1698G	110-3422-05
		CCKA-MS/1715G	N/A
CCK-3MG/3341J	110-3422-15	CCKA-MS/1717G	110-3422-05
		CCKA-MS/1738G	110-3422-04
CCK-4G/7D	110-3422-15	CCKA-MS/1766G	N/A
CCK-4G/13F	110-3422-15	CCKA-MS/1772G	110-3422-05
CCK-4G/452F	110-3422-15	CCKA-MS/1773G	110-3422-05
		CCKA-MS/1814G	110-3422-05
CCK-4MG/454C	110-3422-15	CCKA-MS/1815G	110-3422-16

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
CCKA-MS/1816G	110-3422-16	CCKA-MS/2714G	110-3422-05
CCKA-MS/1828G	110-3422-05	CCKA-MS/2741G,J	110-3422-05
CCKA-MS/1831G	110-3422-03	CCKA-MS/2743J	110-3422-05
CCKA-MS/1880	N/A	CCKA-MS/2748J	110-3422-10
CCKA-MS/1897G	110-3422-03	CCKA-MS/2750J	110-3422-05
CCKA-MS/1905	N/A	CCKA-MS/2751J	110-3422-05
CCKA-MS/1906	N/A	CCKA-MS/2754J	110-3422-16
CCKA-MS/1913G	110-3422-16	CCKA-MS/2757J	110-3422-16
CCKA-MS/1927	N/A	CCKA-MS/2762J	110-3422-05
CCKA-MS/1946G	110-3422-05	CCKA-MS/2769J	110-3422-10
CCKA-MS/1949G	110-3422-03	CCKA-MS/2778J	110-3422-10
CCKA-MS/1954G	110-3422-05	CCKA-MS/2781J	110-3422-05
CCKA-MS/1991G	110-3422-05	CCKA-MS/2802J	110-3422-06
CCKA-MS/2022G	110-3422-16	CCKA-MS/2803J	110-3422-18
CCKA-MS/2023G	110-3422-16	CCKA-MS/2813J	110-3422-15
CCKA-MS/2043G	110-3422-03	CCKA-MS/2818J	110-3422-05
CCKA-MS/2049	N/A	CCKA-MS/2885J	110-3422-05
CCKA-MS/2052G	110-3422-10	CCKA-MS/2910J	110-3422-05
CCKA-MS/2085G	110-3422-05	CCKA-MS/2982J	110-3422-06
CCKA-MS/2090	N/A	CCKA-MS/3004J	110-3422-16
CCKA-MS/2094	N/A	CCKA-MS/3010J	110-3422-16
CCKA-MS/2111G	110-3422-15	CCKA-MS/3023J	110-3422-04
CCKA-MS/2140G	N/A	CCKA-MS/3096J	110-3422-05
CCKA-MS/2158G	N/A	CCKA-MS/3110J	110-3422-15
CCKA-MS/2159G	N/A	CCKA-MS/3133J	110-3422-18
CCKA-MS/2220G	110-3422-10	CCKA-MS/3149J	110-3422-15
CCKA-MS/2222G	N/A	CCKA-MS/3197J	110-3422-04
CCKA-MS/2229G	110-3422-05	CCKA-MS/3275J	110-3422-04
CCKA-MS/2237G	110-3422-10	CCKA-MS/3277J	110-3422-04
CCKA-MS/2260G	110-3422-06	CCKA-MS/3311J	110-3422-04
CCKA-MS/2265G	N/A	CCKA-MS/3317J	110-3422-10
CCKA-MS/2299G	110-3422-10	CCKA-MS/3330J	110-3422-04
CCKA-MS/2313J	110-3422-05	CCKA-MS/3345J	110-3422-08
CCKA-MS/2357G	110-3422-05	CCKA-MS/3350J	110-3422-08
CCKA-MS/2426G	110-3422-06	CCKA-MS/3366J	110-3422-18
CCKA-MS/2432G	110-3422-16	CCKA-MS/3370J	110-3422-04
CCKA-MS/2437G	110-3422-16	CCKA-MS/3459J	110-3422-10
CCKA-MS/2481G	110-3422-18	CCKA-MS/3499J	110-3422-04
CCKA-MS/2504G	110-3422-13	CCKA-MS/3566J	110-3422-18
CCKA-MS/2507G	110-3422-06	CCKA-MS/3612J	110-3422-15
CCKA-MS/2523G	110-3422-05	CCKA-MS/3666J	110-3422-18
CCKA-MS/2560G	110-3422-05	CCKA-MS/3670J	110-3422-10
CCKA-MS/2567G	110-3422-15	CCKA-MS/3671J	110-3422-10
CCKA-MS/2629G	110-3422-05	CCKA-MS/3718J	110-3422-10
CCKA-MS/2677G	110-3422-10	CCKA-MS/3741J	110-3422-05
CCKA-MS/2678G	110-3422-06	CCKA-MS/3751J	110-3422-04
CCKA-MS/2694G	110-3422-05	CCKA-MS/3757J	110-3422-05

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
CCKB-MS/2304H	110-3422-04	CCKB-MS/3113J	110-3422-04
CCKB-MS/2306H	110-3422-05	CCKB-MS/3116J	110-3422-04
CCKB-MS/2313J	110-3422-04	CCKB-MS/3141J	110-3422-09
CCKB-MS/2324H	110-3422-13	CCKB-MS/3145J	110-3422-04
CCKB-MS/2350H	110-3422-04	CCKB-MS/3163J	110-3422-04
CCKB-MS/2378G,H	110-3422-13	CCKB-MS/3218J	110-3422-04
CCKB-MS/2420H	110-3422-26	CCKB-MS/3280J	110-3422-06
CCKB-MS/2435H	110-3422-09	CCKB-MS/3293J	110-3422-04
CCKB-MS/2440H	110-3422-26	CCKB-MS/3316J	110-3422-04
CCKB-MS/2442H	110-3422-04	CCKB-MS/3340J	110-3422-04
CCKB-MS/2512H	110-3422-04	CCKB-MS/3355J	110-3422-08
CCKB-MS/2521H	110-3422-04	CCKB-MS/3360J	110-3422-08
CCKB-MS/2671H	110-3422-09	CCKB-MS/3365J	110-3422-04
CCKB-MS/2679H	110-3422-13	CCKB-MS/3395J	110-3422-04
CCKB-MS/2733J	110-3422-26	CCKB-MS/3430J	110-3422-04
CCKB-MS/2736J	110-3422-09	CCKB-MS/3439J	110-3422-04
CCKB-MS/2749J	110-3422-04	CCKB-MS/3455J	110-3422-04
CCKB-MS/2759J	110-3422-13	CCKB-MS/3463J	N/A
CCKB-MS/2768J	110-3422-13	CCKB-MS/3485J	110-3422-04
CCKB-MS/2771H,J	110-3422-04	CCKB-MS/3545J	N/A
CCKB-MS/2775J	110-3422-13	CCKB-MS/3558J	110-3422-04
CCKB-MS/2776J	110-3422-04	CCKB-MS/3589J	110-3422-08
CCKB-MS/2794J	110-3422-13	CCKB-MS/3639J	110-3422-04
CCKB-MS/2810J	110-3422-04	CCKB-MS/3645J	110-3422-04
CCKB-MS/2849J	110-3422-04	CCKB-MS/3770J	110-3422-04
CCKB-MS/2853J	110-3422-04	CCKB-MS/3801J	110-3422-19
CCKB-MS/2854J	110-3422-04	CCKB-MS/3882J	110-3422-04
CCKB-MS/2859J	110-3422-07	CCKB-MS/3943J	N/A
CCKB-MS/2861J	110-3422-15	CCKB-MS/3950J	110-3422-04
CCKB-MS/2863J	110-3422-06	CCKB-MS/3969J	110-3422-04
CCKB-MS/2864J	110-3422-04	CCKB-MS/4006J	110-3422-04
CCKB-MS/2874J	110-3422-09	CCKB-MS/4043J	110-3422-04
CCKB-MS/2875J	N/A	CCKB-MS/4084J	110-3422-19
CCKB-MS/2878J	N/A		
CCKB-MS/2894J	N/A	CCKB-MSV/1356G	110-3422-04
CCKB-MS/2897J	110-3422-19	CCKB-MSV/1371G	110-3422-04
CCKB-MS/2898J	110-3422-19	CCKB-MSV/1550G	110-3422-04
CCKB-MS/2906J	110-3422-04	CCKB-MSV/1647H	110-3422-04
CCKB-MS/2907J	110-3422-06	CCKB-MSV/1648C	110-3422-04
CCKB-MS/2920J	N/A		
CCKB-MS/2953J	110-3422-04	CCKB-S/27H	N/A
CCKB-MS/2969S	110-3422-04	CCKB-S/28H	N/A
CCKB-MS/2984J	N/A	CCKB-S/1537G	110-3422-05
CCKB-MS/2985J	110-3422-04	CCKB-S/1683H	110-3422-05
CCKB-MS/3100J	110-3422-04	CCKB-S/1776H	110-3422-04
CCKB-MS/3104J	110-3422-07	CCKB-S/2157H	110-3422-04
CCKB-MS/3105J	N/A	CCKB-S/2233H	110-3422-04

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
CCKB-S/2442H	110-3422-04	3.5CCK-3P/1F	110-3422-11
CCKB-S/2594H	110-3422-04	3.5CCK-4M/1F	110-3422-11
CCKB-S/2676H	110-3422-04	3.5CCK-4RV/1F	110-3422-11
CCKB-S/2726H	110-3422-05	3.5CCK-5R/1128C	110-3422-11
CCKB-S/2729J	110-3422-05	3.5CCK-5R/1382D	110-3422-11
CCKB-S/2875J	N/A	3.5CCK-5R/1382S	110-3422-11
CCKB-S/2911J	110-3422-04	3.5CCK-5R/1383D	110-3422-11
CCKB-S/2912H,J	110-3422-04	3.5CCK-5R/1769F	110-3422-11
CCKB-S/3413J	110-3422-08	3.5CCK-5R/2086F	110-3422-11
		3.5CCK-5RV/2671F	110-3422-11
CCKB-4MG/2207	110-3422-15	3.5CCK-8R/2086	110-3422-11
CCKB-4MG/2251	110-3422-15	3.5CCK-53CR/16000U	110-3422-
		3.5CCK-53CRV/2974F	110-3422-11
		3.5CCK-53RV/3759J	110-3422-11
		3.5CCK-128E/1942F	110-3422-11
		3.5CCK-128EV/2012F,J	110-3422-11
		3.5CCK-128EV/3243J	110-3422-11
		3.5CCK-599CM/15458R	110-3422-11
			(12)
<u>CCKM</u>			
CCKM-MF/471C	N/A		
CCKM-MF/471G	N/A		
CCKM-MS/1674G	110-3422-04		
CCKM-MS/1899G	110-3422-13	4.0CCK-1E/4128J	110-3422-11
CCKM-MS/2050G	110-3422-04	4.0CCK-1EV1330/3848F	110-3422-11
CCKM-MS/2504G	110-3422-13	4.0CCK-1P/6695J	110-3422-11
CCKM-MS/2964G	110-3422-04	4.0CCK-1P/1J	110-3422-11
CCKM-MS/3789G	110-3422-13	4.0CCK-1R/363J	110-3422-11
CCKM-MS/4343G	110-3422-04	4.0CCK-1R/6000N,P	110-3422-11
CCKM-MSV/427C,E	110-3422-13	4.0CCK-1R/8100J	110-3422-11
CCKM-S/598E	110-3422-04	4.0CCK-1R/9403J	110-3422-11
		4.0CCK-1R/9470P	110-3422-11
		4.0CCK-1R/9525P	110-3422-11
		4.0CCK-1R/9840N	110-3422-11
		4.0CCK-1R/10108P	110-3422-11
		4.0CCK-1R/10476N,P	110-3422-11
		4.0CCK-1R/10903R	110-3422-11
		4.0CCK-1R/11852P	110-3422-11
		4.0CCK-1RV/1J	110-3422-11
		4.0CCK-1RV/96F	110-3422-11
		4.0CCK-1RV/2633F	110-3422-11
		4.0CCK-1RV/3298F	110-3422-11
		4.0CCK-1RV/5382J	110-3422-11
		4.0CCK-1RV/6000P	110-3422-11
		4.0CCK-1RV/7723J	110-3422-11
		4.0CCK-1RV6000/1J	110-3422-11
		4.0CCK-3CE/2236R	110-3422-11
		4.0CCK-3CE/2236U	110-3422-
		4.0CCK-3CE/2236V	110-3422-21
		4.0CCK-3CE/8194J	110-3422-11
		4.0CCK-3CE/10144J	110-3422-11
			(12)
<u>CCK</u>			
2.0CCK-1R/2118S	110-3422-11		
2.0CCK-1RV3/1755D,F,J	110-3422-11		
2.0CCK-1RV3/2118J	110-3422-11		
3.5CCK-1M/1J	110-3422-11		
3.5CCK-1P/1D,F,J	110-3422-11		
3.5CCK-1P/1285D	110-3422-11		
3.5CCK-1R/1C,F	110-3422-11		
3.5CCK-1R/1T	N/A		
3.5CCK-1R/30F	110-3422-11		
3.5CCK-1R/31F	110-3422-11		
3.5CCK-1RV/1B,1C	110-3422-11		
3.5CCK-1RV/23F	110-3422-11		
3.5CCK-1RV/1269D	110-3422-11		
3.5CCK-1RV/1446F	110-3422-11		
3.5CCK-3CR/8649V	110-3422-21		
3.5CCK-3E/3451F,G	110-3422-11		

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
4.0CCK-3CE/15497R	110-3422-11	4.0CCK-3CR/22650U	110-3422- (12)
4.0CCK-3CP/1V	110-3422-21	4.0CCK-3CR/23861V	110-3422-21
4.0CCK-3CR/1J,R	110-3422-11	4.0CCK-3CR31/8400J	110-3422-11
4.0CCK-3CR/1V	N/A	4.0CCK-3CR131/8400R	110-3422-11
4.0CCK-3CR/12J,R	110-3422-11	4.0CCK-3R/1J	110-3422-11
4.0CCK-3CR/23J	110-3422-11	4.0CCK-3R/6000P	110-3422-11
4.0CCK-3CR/1869R	110-3422-11	4.0CCK-3RV6000/1J	110-3422-11
4.0CCK-3CR/6000P	110-3422-11	4.0CCK-4E/4651J	110-3422-11
4.0CCK-3CR/8100J,R	110-3422-11	4.0CCK-4R/8100J,P,R	110-3422-11
4.0CCK-3CR/8389R	110-3422-11	4.0CCK-4R/8390J	110-3422-11
4.0CCK-3CR/8389V	110-3422-21	4.0CCK-4R/8747J	110-3422-11
4.0CCK-3CR/8390R	110-3422-11	4.0CCK-4R/17345R	110-3422-11
4.0CCK-3CR/8462R	110-3422-11	4.0CCK-4RV/12F	110-3422-11
4.0CCK-3CR/8462V	110-3422-21	4.0CCK-5R/2086J	110-3422-11
4.0CCK-3CR/8525R	110-3422-11	4.0CCK-5RV/4113F	110-3422-11
4.0CCK-3CR/8575R	110-3422-11	4.0CCK-8E/3451F	110-3422-11
4.0CCK-3CR/9705R	110-3422-11	4.0CCK-8E/4028F	110-3422-11
4.0CCK-3CR/9848C	110-3422-11	4.0CCK-8E/4136F	110-3422-11
4.0CCK-3CR/10259	110-3422-11	4.0CCK-8E/4661J	110-3422-11
4.0CCK-3CR/10854J,R	110-3422-11	4.0CCK-8E/5008J	110-3422-11
4.0CCK-3CR/11244J	110-3422-11	4.0CCK-8E/5689J	110-3422-11
4.0CCK-3CR/12000R	110-3422-11	4.0CCK-8E/7732J	110-3422-11
4.0CCK-3CR/12001R	110-3422-11	4.0CCK-8E/10457J	110-3422-11
4.0CCK-3CR/12002R	110-3422-11	4.0CCK-8E1330/5689J	110-3422-11
4.0CCK-3CR/12004R	110-3422-11	4.0CCK-8EV1330/7732J	110-3422-11
4.0CCK-3CR/12008R	110-3422-11	4.0CCK-8R/5125J	110-3422-11
4.0CCK-3CR/12009R	110-3422-11	4.0CCK-53CR/1V	110-3422-21
4.0CCK-3CR/12013R	110-3422-11	4.0CCK-53CR/12V	110-3422-21
4.0CCK-3CR/12015R	110-3422-11	4.0CCK-53CR/16001U	110-3422- (12)
4.0CCK-3CR/12016R	110-3422-11	4.0CCK-57R/1V	110-3422-21
4.0CCK-3CR/12017R	110-3422-11	4.0CCK-57R/12V	110-3422-21
4.0CCK-3CR/12018R	110-3422-11	4.0CCK-57R/16001U	110-3422- (12)
4.0CCK-3CR/12019R	110-3422-11		
4.0CCK-3CR/13290R	110-3422-11	4.2CCK-53CR/8561R	110-3422-11
4.0CCK-3CR/14467J	110-3422-11		
4.0CCK-3CR/15000U	110-3422- (12)	5.0CCK-1M/1F	110-3422-11
4.0CCK-3CR/15288R	110-3422-11	5.0CCK-1P/1F,K	110-3422-11
4.0CCK-3CR/16000U	110-3422- (12)	5.0CCK-1R/1F,J	110-3422-11
4.0CCK-3CR/16001U	110-3422- (12)	5.0CCK-1R/12C	110-3422-11
4.0CCK-3CR/16003U	110-3422- (12)	5.0CCK-1R/12F	110-3422-11
4.0CCK-3CR/16557R	110-3422-11	5.0CCK-1R/1647F	110-3422-11
4.0CCK-3CR/19399V	110-3422-11	5.0CCK-1R/6000J,N,P	110-3422-11
4.0CCK-3CR/19486U	110-3422- (12)	5.0CCK-1R/9470J,N,P	110-3422-11
4.0CCK-3CR/20288R	110-3422-11	5.0CCK-1R/9525P	110-3422-11
4.0CCK-3CR/20887U	110-3422- (12)	5.0CCK-1R/9701N	110-3422-11
4.0CCK-3CR/20915V	110-3422-21	5.0CCK-1R/10883P	110-3422-11
4.0CCK-3CR/21367V	110-3422-21	5.0CCK-1R/11852P	110-3422-11

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
5.0CCK-1RV/1C-F	110-3422-11	5.0CCK-3CR/12016R	110-3422-11
5.0CCK-1RV/12F,J	110-3422-11	5.0CCK-3CR/12017R	110-3422-11
5.0CCK-1RV/1983F	110-3422-11	5.0CCK-3CR/12018R	110-3422-11
5.0CCK-1RV/4715G	110-3422-11	5.0CCK-3CR/12019R	110-3422-11
5.0CCK-1RV/5382J	110-3422-11	5.0CCK-3CR/13040R	110-3422-11
5.0CCK-1RV/8313J	110-3422-11	5.0CCK-3CR/13136R	110-3422-11
5.0CCK-2RV/1034C	110-3422-11	5.0CCK-3CR/14387R	110-3422-11
5.0CCK-3CE/2236J,R	110-3422-11	5.0CCK-3CR/15000U	110-3422- (12)
5.0CCK-3CE/2236V	110-3422-21	5.0CCK-3CR/15201R	110-3422-11
5.0CCK-3CE/9762J,P	110-3422-11	5.0CCK-3CR/16000U	110-3422- (12)
5.0CCK-3CE/10454J	110-3422-11	5.0CCK-3CR/16001U	110-3422- (12)
5.0CCK-3CE/13276R	110-3422-11	5.0CCK-3CR/16003U	110-3422- (12)
5.0CCK-3CE/14604R	110-3422-11	5.0CCK-3CR/16557R	110-3422-11
5.0CCK-3CE/15497R	110-3422-11	5.0CCK-3CR/17121R	110-3422-11
5.0CCK-3CR/1F,J,R,	110-3422-11	5.0CCK-3CR/19278R	110-3422-11
5.0CCK-3CR/1V	110-3422-21	5.0CCK-3CR/22136V	110-3422-21
5.0CCK-3CR/12J	110-3422-11	5.0CCK-3CR/22258V	110-3422-21
5.0CCK-3CR/12R	110-3422-11	5.0CCK-3CR31/8500J	110-3422-11
5.0CCK-3CR/12V	110-3422-21	5.0CCK-3CR31/8500R	110-3422-11
5.0CCK-3CR/13J	110-3422-11	5.0CCK-3CRV/1F	110-3422-11
5.0CCK-3CR/13R	110-3422-11	5.0CCK-3E/6448J	110-3422-11
5.0CCK-3CR/1983J	110-3422-11	5.0CCK-3E/8679J	110-3422-11
5.0CCK-3CR/8100J,R	110-3422-11	5.0CCK-3E/8680J	110-3422-11
5.0CCK-3CR/8100V	110-3422-21	5.0CCK-3E/10454J	110-3422-11
5.0CCK-3CR/8388R	110-3422-11	5.0CCK-3E/10455J	110-3422-11
5.0CCK-3CR/8389R	110-3422-11	5.0CCK-3E/10608J	110-3422-11
5.0CCK-3CR/8389V	110-3422-21	5.0CCK-3EV/6448J	110-3422-11
5.0CCK-3CR/8390J,R	110-3422-11	5.0CCK-3EV/6762J	110-3422-11
5.0CCK-3CR/8457R	110-3422-11	5.0CCK-3M/1C,F	110-3422-11
5.0CCK-3CR/8462V	110-3422-21	5.0CCK-3P/1C,F	110-3422-11
5.0CCK-3CR/8505R	110-3422-11	5.0CCK-3P/6695J	110-3422-11
5.0CCK-3CR/8506J	110-3422-11	5.0CCK-3R/1J	110-3422-11
5.0CCK-3CR/8672J	110-3422-11	5.0CCK-3R/31J	110-3422-11
5.0CCK-3CR/8657R	110-3422-11	5.0CCK-3R/131F	110-3422-11
5.0CCK-3CR/8747V	110-3422-21	5.0CCK-3R/363F	110-3422-11
5.0CCK-3CR/9278R	110-3422-11	5.0CCK-3R/15211V	110-3422-21
5.0CCK-3CR/9433N	110-3422-11	5.0CCK-3RV/1112C	110-3422-11
5.0CCK-3CR/9549R	110-3422-11	5.0CCK-3RV/1D,F	110-3422-11
5.0CCK-3CR/9834J,R	110-3422-11	5.0CCK-3RV/12F,J	110-3422-11
5.0CCK-3CR/9848R	110-3422-11	5.0CCK-3RV/657F	110-3422-11
5.0CCK-3CR/9863J	110-3422-11	5.0CCK-3RV/1466J	110-3422-11
5.0CCK-3CR/9909R	110-3422-11	5.0CCK-3RV/2074F	110-3422-11
5.0CCK-3CR/10454J	110-3422-11	5.0CCK-3RV/2075F	110-3422-11
5.0CCK-3CR/12000R	110-3422-11	5.0CCK-3RV/2175F	110-3422-11
5.0CCK-3CR/12002R	110-3422-11	5.0CCK-3RV/3717J	110-3422-11
5.0CCK-3CR/12012R	110-3422-11	5.0CCK-3RV/3771F	110-3422-11
5.0CCK-3CR/12015R	110-3422-11	5.0CCK-3RV/3977J	110-3422-11

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
5.0CCK-3RV/4117F	110-3422-11	6.0CCK-331E/Begin J	110-3422-10
5.0CCK-3RV/4262J	110-3422-11	6.0CCK-331P/Begin J	110-3422-10
5.0CCK-3RV/4624J	110-3422-11	6.0CCK-332E/Begin J	110-3422-10
5.0CCK-3RV/4715J	110-3422-11	6.0CCK-332P/Begin J	110-3422-10
5.0CCK-3RV/5132J	110-3422-11	6.0CCK-5331E/Begin J	110-3422-10
5.0CCK-3RV/5222J	110-3422-11	6.0CCK-5331P/Begin J	110-3422-10
5.0CCK-3RV/6206J	110-3422-11	6.0CCK-5332E/Begin J	110-3422-10
5.0CCK-3RV/7823J	110-3422-11	6.0CCK-5332P/Begin J	110-3422-10
5.0CCK-4R/1D,J	110-3422-11		
5.0CCK-4R/12J	110-3422-11	7.0CCK-281E/	110-3422-10
5.0CCK-4R/211J	110-3422-11	7.0CCK-381E/	110-3422-10
5.0CCK-4R/10089J	110-3422-11		
5.0CCK-4R/11002R	110-3422-11		
5.0CCK-4RV/1041J	110-3422-11	<u>CCKB</u>	
5.0CCK-4XR/8488J	110-3422-11	6.0CCKB-3CR/6000	110-3422-10
5.0CCK-4XR/12175R	110-3422-11	6.0CCKB-3R/	110-3422-10
5.0CCK-5DR/1R	110-3422-11	6.0CCKB-3RV/	110-3422-10
5.0CCK-5DR/1V	110-3422-21		
5.0CCK-5DR/151R	110-3422-11	7.5CCKB	110-3422-10
5.0CCK-5DR/8389V	110-3422-21		
5.0CCK-5DR/10124R	110-3422-11		
5.0CCK-5DR/15000U	110-3422- (12)	9.0CCKB	110-3422-10
5.0CCK-5R/5800J	110-3422-11		
5.0CCK-5R/7568J	110-3422-11	10.0CCKB	
5.0CCK-5RV/1D,J	110-3422-11	10.0CCKB-3CP/1A	110-3422-12
5.0CCK-5RV/657F	110-3422-11	10.0CCKB-3CP/1B,E	110-3422-12
5.0CCK-5RV/2187F	110-3422-11	10.0CCKB-3CR/1A	110-3422-10
5.0CCK-5RV/3217F	110-3422-11	10.0CCKB-3CR/1B,E	110-3422-10
5.0CCK-5RV/4336F	110-3422-11	10.0CCKB-3CR/12B,E	110-3422-10
5.0CCK-5RV/4464J	110-3422-11	10.0CCKB-3CR/13B,E	110-3422-10
5.0CCK-5RV/4572J	110-3422-11	10.0CCKB-3CR/1681E	110-3422-10
5.0CCK-5RV/5756J	110-3422-11	10.0CCKB-3CR/13311E	110-3422-10
5.0CCK-5RV/5800J	110-3422-11	10.0CCKB-3CR/15269E	110-3422-10
5.0CCK-5RV/5812J	110-3422-11	10.0CCKB-3CR31/13B	110-3422-10
5.0CCK-5RV/5869J	110-3422-11	10.0CCKB-3P/1A,B	110-3422-12
5.0CCK-5RV/7518J	110-3422-11	10.0CCKB-3R/1A,B	110-3422-10
5.0CCK-5RV/7568J	110-3422-11	10.0CCKB-3R/12A	110-3422-10
5.0CCK-115P/1F	110-3422-11	10.0CCKB-3R/13B	110-3422-10
5.0CCK-150EV/1221C	110-3422-11	10.0CCKB-3R/1234A	110-3422-10
5.0CCK-150EV/1726F	110-3422-11	10.0CCKB-4R/1A,E	110-3422-10
5.0CCK-150R/1D,F,J	110-3422-11	10.0CCKB-4R/12B	110-3422-10
5.0CCK-150R/4443J	110-3422-11	10.0CCKB-4R/13B	110-3422-10
5.0CCK-150R/5518J	110-3422-11	10.0CCKB-4R/3195E	110-3422-10
6.0CCK-331E/Spec C	110-3422-10		
6.0CCK-331E/Spec F	110-3422-11		
6.0CCK-331E/Spec H	N/A		

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
<u>DJA</u>		6.0DJB-Spec D	110-2799 (15)
DJA-MS/4124U	110-3352	6.0DJB-1E/13165S	N/A
2.5DJA-53CR/1U	110-2093	6.0DJB-3CE/2236AA	110-2338
2.5DJA-53CR/1V	110-2093	6.0DJB-3CE/2236S	110-2799
3.0DJA-1E/2236C,S,T	110-2093	6.0DJB-3CE/8523AA	110-2338
3.0DJA/7957B	110-2093	6.0DJB-3CE/8531S	110-2799
3.0DJA-1E/14694T	110-2093	6.0DJB-3CE/12786S	110-2338
3.0DJA-3CE/2236U	110-2093	6.0DJB-3CE/14596AA	110-2338
3.0DJA-3CE/8531T	110-2093	6.0DJB-3CE/17348AA	110-2338
3.0DJA-3CE/12786T,V	110-2093	6.0DJB-3CR/1S	110-2799
3.0DJA-3CR/1U	110-2093	6.0DJB-3CR/1AA	110-2799
3.0DJA-3CR/1681V	110-2093	6.0DJB-3CR/7AA	110-2799
3.0DJA-3CR/6221V	110-2093	6.0DJB-3CR/96S,96AA	110-2799
3.0DJA-3CR/2335V	110-2093	6.0DJB-3CR/2198S	110-2799
3.0DJA-3CR/17067U	110-2093	6.0DJB-3CR/2219AA	110-2799
<u>DJB (DJ60)</u>		6.0DJB-3CR/2236AA	110-2799
DJ60-MF/1360E	N/A	6.0DJB-3CR/2701AA	110-2799
DJ60-MS/1205R	110-2243	6.0DJB-3CR/8388AA	110-2799
DJB-MS/1205E	110-2243	6.0DJB-3CR/8457AA,AB	110-2799
DJB-MS/1448P	N/A	6.0DJB-3CR/9655S	110-2799
DJB-MS/1639R	110-2243	6.0DJB-3CR/10163AB	110-2799
DJBA-MF/1672R	N/A	6.0DJB-3CR/13031AC	110-2799
DJBA-MS/1658R	N/A	6.0DJB-3CR/13037AC	110-2799
DJBA-MS/2150	110-3128	6.0DJB-3CR/15198AA	110-2799
DJBA-MS/2191T	N/A	6.0DJB-3CR/23149AC	110-2799
DJBA-MS/2605	N/A	6.0DJB-3CR/23252AA-AC	110-2799
DJBA-MS/3732W	110-3418	6.0DJB-3CR/24665AB	110-2799
DJBA-MS/4064W	110-3128	6.0DJB-3CR/16989	110-2799
DJBMA-MS/2409V	110-2799	6.0DJB-3CR/16989AA	110-2799
DJBMA-MS/3300W	N/A	6.0DJB-3CR/30632AC	110-2799
DJM60-MS/1323P	110-2295	6.0DJB-3E2236/1R	N/A
4.5DJB-Spec D	110-2799 (15)	6.0DJB-3E2236/1S	110-2799
4.5 DJB-518R/8457AC	110-2799	6.0DJB-3E2236/6251S	110-2338
5.0DJB-3E/4889R	N/A	6.0DJB-3R/96R	N/A
		6.0DJB-3R/6153R,S	110-2799
		6.0DJB-3RV/1H	110-2799
		6.0DJB-3RV/8231S	110-2799
		6.0DJB-4R/13029S	110-2799
		6.0DJB-4XR/7H	110-2799
		6.0DJB-5AR/1S	110-2799
		6.0DJB-18R/1AA	110-2799
		6.0DJB-18R/96AA	110-2799
		6.0DJB-18R/8100AA-AC	110-2799
		6.0DJB-18R/8457AA-AC	110-2799
		6.0DJB-18R/15706AA	110-2799
		6.0DJB-18R50/2468AA	110-2799
		6.0DJB-331E/1T	110-2799

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
6.0DJB-5331E/7545T	110-2799	6.0DJE-3CE/25381	N/A
6.0DJB-5332E/1T	110-2799	6.0DJE-3CE/25904	110-2828
		6.0DJE-3CR/1	110-2828
		6.0DJE-3CR/96	110-2828
		6.0DJE-3CR/2198	110-2828
		6.0DJE-3CR/9837	110-2828
		6.0DJE-3CR/9923	110-2828
		6.0DJE-3CR/19511	110-2828
		6.0DJE-18R/2198	110-2828
		6.0DJE-18R/2458	110-2828
		6.0DJE-18R/16369	110-2828
		6.0DJE-18R/18832	110-2828
		<u>DKC</u> -Spec B-C	100-1965-01
		<u>DKD</u> -Spec C-E	100-2077-01
		<u>DKG</u> -Spec A	100-3074
		<u>DKX</u>	
		Spec A-B	100-3068
		Spec C	100-3382
		Spec D	100-3411
		Spec E	100-3416
		<u>DL3</u>	110-3713
		<u>DL4</u>	110-3719
		<u>DL4B</u>	110-3361
		<u>DL6</u>	110-3725
		<u>DL6B</u>	110-3726
		<u>DL6T</u>	110-3731
		<u>DN</u>	
		DN2M/11375	100-3307
		DN2M/11402	100-2857-01
		DN4M/11376	100-3309
		DN4M/11403	100-2859-01
		DN4M/11404	100-2859-02
<u>DJC</u>			
DJC-MF/2421V	110-2818		
DJC-MF/2518V	110-2818	(10)	
DJC-MF/2654V	110-2335		
DJC-MF/2696V	110-2818		
DJC-MS/1017R	110-2335		
DJC-MS/1R	110-2335		
DJC-MS/1466R	110-3396		
DJC-MS/1832V	110-2335		
DJC-MS/2315T	N/A		
DJC-MS/2450	110-2335		
DJC-MS/3062V	110-2818		
DJC-MS/3118V	110-2335		
DJC-MS/3541V	110-2335		
DJC-MS/3062V	110-2818		
DJC-MS/3686V	110-2335		
DJC-MS/3845V	110-2335		
DJC-MS/3890V	110-2335		
DJC-MS/3976V	110-3396		
DJC-MS/4494W	N/A		
9.0DJC-Spec E	110-3396	(15)	
9.0DJC-Spec P-AD	110-3396		
12.0DJC - Spec E	110-3396	(15)	
12.0DJC-Spec P-AD	110-3396		
12.5DJC	110-3396		
<u>DJE</u>			
4.5DJE-Spec H	110-2828		
6.0DJE-Spec H	110-2828		
6.0DJE-1E/19292	110-3347		
6.0DJE-3CE/2236	110-2828		
6.0DJE-3CE/8523	110-2828		
6.0DJE-3CE/8531	110-2828		
6.0DJE-3CE/9387	110-2828		
6.0DJE-3CE/14513AE	110-2828		
6.0DJE-3CE/16938	110-2828		
6.0DJE-3CE/17348	110-2828		
6.0DJE-3CE/24365	N/A		

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
<u>E124V</u>	N/A	5.0EGH-AB/Spec C	100-3328-02
		5.0EGH-AB/1A	100-2981
<u>E125H/E140H</u>		5.0EGH-AB/14000A	100-2981
		5.0EGH-AB/34879B	100-2980
All specs	N/A	5.0EGH-AB/38018A	100-2980
except:		5.0EGH-AM/1A	100-2981
E140H-N/11347	100-3328-02	5.0EGH-EB/Spec C	100-3328-01
E140H-N/11348	100-3328-01	5.0EGH-EB/34879B	100-2957
E140H-N/11368	100-3328-03	5.0EGH-EB/38018A	100-2957
		5.0EGH-EM/Spec C	100-3328-03
		5.0EGH-EM/34879A	100-2957
<u>E125V/E140V</u>		6.0EGH-EB/Spec C	100-3328-01
E125V-Floorcare	N/A	6.0EGH-EB/34879A,B	100-2957
E125V-Spec A	N/A	6.0EGH-EB/38018A	100-2957
E125V-Spec B	110-3428-01		
E125V-Begin Spec C	N/A	1.4EGP-Spec B	100-3329-01
		1.4EGS-AA/1A	100-2950
E140V-Floorcare	N/A	1.4EGS-AA/14000A	100-2950
E140V-Spec B	110-3428-01		
E140V-Begin Spec C	N/A	1.7EGP-Spec B	100-3329-01
		2.0EGP-Spec B	100-3329-02
<u>EG</u>		2.0EGP-Spec C	100-3429-02
1.4EGH-AM/1A,B	100-2952	2.5EGP-Spec B	100-3329-02
1.7EGH-AA/1A	100-2952	2.5EGP-Spec C	100-3429-02
1.7EGH-AA/14000A	100-2952		
2.0EGH-AM/1A,B	100-2952	3.5EGP-Spec B	100-3329-05
2.0EGH-AM/34879A,B	100-2954	3.5EGP-Spec C	100-3429-05
2.0EGH-AM/ Spec C	100-3359		
2.5EGH-AA Spec C	100-3359	4.0EGP-Spec B	100-3329-03
2.5EGH-AA/1A	100-2952	4.0EGP-Spec C	100-3429-03
2.5EGH-AA/14000A	100-2952		
2.5EGH-AA/34879A,B	100-2954	5.0EGP-AD/11400B	100-3329-06
2.5EGH-AA/38018A	100-2954	5.0EGP-AD/11392B	100-3329-04
3.5EGH-EM/Spec C	100-3361		
4.0EGH-AB/Spec C	100-3360	<u>HDKAG</u>	
4.0EGH-AB/1A,B	100-2953	Spec A-B	100-3217
4.0EGH-AB/14000A	100-2953	Spec B-C	100-3384
4.0EGH-AB/34879A,B	100-2955		
4.0EGH-AB/38018A	100-2955	<u>HDKAJ</u>	
4.0EGH-EB/Spec C	100-3361	Spec A	100-3302
4.0EGH-EB/34879B	100-2956	Spec B-C	100-3273
4.0EGH-EB/38018A	100-2956		

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
<u>HDKAK</u>		6.0JB-518R/12AC	110-2031
Spec A	100-3302	7.5JB-Spec E	N/A (15)
Spec B-C	100-3273	7.5JB-1RV31/1J	N/A
<u>HDKAL</u>		7.5JB-3AR/23440AC	110-2031
6.0HDKAL/11476A	100-3451-02	7.5JB-3CR/1T	110-2031
6.0HDKAL/11478A	100-3451-02	7.5JB-3CR/1AD	110-2031
7.5HDKAL/11475A	100-3346-02	7.5JB-3CR/12AA	110-2031
7.5HDKAL/11477A	100-3346-02	7.5JB-3CR/2100T	110-2031
7.5HDKAL/61730A	100-3346-02	7.5JB-3CR/2701T	110-2031
<u>HDKAQ</u>		7.5JB-3CR/2938T	110-2318
8.0HDKAQ/11475A	100-3346-02	7.5JB-3CR/3098B	110-2031
8.0HDKAQ/61730A	100-3346-02	7.5JB-3CR/6589	110-2031
<u>HDKAR</u>		7.5JB-3CR/8100A	110-2031
7.0HDKAR/61730A	100-3392-02	7.5JB-3CR/8388T,AA,BB	110-2031
<u>HDKAS</u>		7.5JB-3CR/8389AC	110-2031
14A Alternator	100-3392-01	7.5JB-3CR/8457S	110-2031
30A Alternator	100-3392-02	7.5JB-3CR/8561AC	110-2031
<u>JB (J60)</u>		7.5JB-3CR/9597AB	110-2031
J60-MS/1055E	N/A	7.5JB-3CR/10163AA	110-2098
J60-MS/1213F	N/A	7.5JB-3CR/10163AC	110-2031
J60-MS/1273F	N/A	7.5JB-3CR/18802AA	110-2098
J60-MS/1373F	110-2112	7.5JB-3CR/19461AA	110-2031
JB-MS/1134E	110-3100	7.5JB-3CR/24272AC	110-2031
5.0JB-8XM/2670F	110-2098	7.5JB-3R/1F	110-2098
6.0JB-Spec E	N/A (15)	7.5JB-3R/1R	110-2031
6.0JB-4R/5042M	110-2098	7.5JB-3R/13R	110-2031
6.0JB-53CR/1AC	110-2031	7.5JB-3R/96H	110-2098
6.0JB-53CR/12AC	110-2031	7.5JB-3R/25402AD	110-2031
6.0JB-53RV/5183J	110-2098	7.5JB-3R31/2468R	110-2031
6.0JB-518E/23554AC	110-2031	7.5JB-3RV/1J	110-2031
6.0JB-518R/1AC	110-2031	7.5JB-3RV/1P	110-2098
		7.5JB-3RV/1983R	110-2098
		7.5JB-3RV/2896S	110-2318
		7.5JB-3RV/3212R	110-2098
		7.5JB-3RV/4380J	110-2098
		7.5JB-4R/1E	110-2098
		7.5JB-4R/1018S	110-2031
		7.5JB-4R/1075S	110-2318
		7.5JB-4R/1873R	110-2098
		7.5JB-4R/8100A,S	110-2031
		7.5JB-18R/2442AB	110-2031
		7.5JB-18R/8525A,B	110-2031
		7.5JB-18R/9269AA	110-2031
		7.5JB-18R/12042AC	110-2031
		7.5JB-18R/14758AB,AC	110-2031
		7.5JB-18R/15125AA	110-2031

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
7.5JB-18R/16479AA	110-2031	12.5JC-3CR/6000S	110-2032
		12.5JC-3CR/6000T	110-2245
JC (J120)		12.5JC-3CR/6568S	110-2032
J120-MS/762B	110-2893	12.5JC-3CR/7304AA	110-2245
JC-MS/807	110-2180	12.5JC-3CR/8100AA,AB	110-2245
JC-MS/866S	N/A	12.5JC-3CR/8389T,AA,AB	110-2245
JC-MS/2578V	110-2238	12.5JC-3CR/8457S	110-2032
JC-MS/2587V	110-2238	12.5JC-3CR/8457T,AA,AB	110-2245
JC-MS/3248V	110-2238	12.5JC-3CR/8505S	110-2088
JC-MS/3711V	110-2238	12.5JC-3CR/8505T	110-2486
		12.5JC-3CR/8505U,AA,AB	110-2245
JCM-MF/2073F	N/A	12.5JC-3CR/9582T	110-2245
		12.5JC-3CR/9269U,AA,AB	110-2245
10.0JC-3R/316B,C	110-2032	12.5JC-3CR/9597AA,AB	110-2245
10.0JC-3R/2701H	110-2032	12.5JC-3CR/9863T,AA,AB	110-2245
10.0JC-5DR/1J	110-2032	12.5JC-3CR/10259AA, AB	110-2245
		12.5JC-3CR/10259S	110-2032
12.0JC-3CR/1R	110-2032	12.5JC-3CR/11875AA, AB	110-2245
12.0JC-3R/1R	110-2032	12.5JC-3CR/12000T, AA, AB	110-2245
12.0JC-3R/12S	110-2032	12.5JC-3CR/12139T	110-2245
12.0JC-3R/862S	110-2088	12.5JC-3CR/15235AA	110-2245
12.0JC-3R/3398P	110-2032	12.5JC-3CR/20304AA	110-2245
12.0JC-3R/4493L	110-2032	12.5JC-3CR/20354AB	110-2245
12.0JC-3R/5902P	110-2032	12.5JC-3R/1092AA	110-2245
12.0JC-3R/8537S	110-2088	12.5JC-3R/8956S	110-2032
12.0JC-3R31/2468R	110-2032	12.5JC-3R/10178T	110-2486
12.0JC-3RV/2896S	110-2088	12.5JC-3R/10657T	110-2245
12.0JC-3RV/5740A,P,R	110-2032	12.5JC-3R/11623T	110-2245
12.0JC-4R/1047S	110-2032	12.5JC-3R/16468AA	110-2245
12.0JC-4R/1982R	110-2032	12.5JC-3RV/4380L	110-2032
12.0JC-4R/1982S	110-2088	12.5JC-3RV/5740A,R	110-2032
12.0JC-4R/8451S	110-2088	12.5JC-4R/13A-R	110-2032
12.0JC-8E/4229K	110-2032	12.5JC-4R/13S	110-2088
12.0JC-9XR/12118AA	110-2486	12.5JC-4R/13T	110-2486
		12.5JC-4R/13U	110-2245
12.5JC-3CR/12T	110-2245	12.5JC-4R/1041T	110-2245
12.5JC-3CR/12AA,AB	110-2245	12.5JC-4R/8451AA	110-2245
12.5JC-3CR/13A-R	110-2032	12.5JC-4R/8451S	110-2088
12.5JC-3CR/13S	110-2088	12.5JC-4R/8490T	110-2245
12.5JC-3CR/13T	110-2486	12.5JC-4R/2539R	110-2032
12.5JC-3CR/13U,AA,AB	110-2245	12.5JC-4R/12988AB	110-2245
12.5JC-3CR/1018S	110-2032	12.5JC-4R/13677T	110-2245
12.5JC-3CR/1018T, AA,AB	110-2245	12.5JC-4R/15813AA	110-2245
12.5JC-3CR/1092AA	110-2245	12.5JC-4R/16050AA	110-2245
12.5JC-3CR/2198AB	110-2245	12.5JC-4R31/9428T	110-2486
		12.5JC-4XR/2468S	110-2032
		12.5JC-5DR/8100T	110-2245

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
12.5JC-5DR/8457T	110-2245	15.0JC-3CR/11784U	110-2245
12.5JC-5DR/11417T	110-2486	15.0JC-3CR/11908U	110-2245
12.5JC-18R/1018AA	110-2245	15.0JC-3CR/11996AA, AB	110-2486
12.5JC-18R/2539AA	110-2245	15.0JC-3CR/12037AA	110-2245
12.5JC-18R/2731AA	110-2245	15.0JC-3CR/12795U,AA	110-2245
12.5JC-18R/8390AA	110-2245	15.0JC-3CR/12825T	110-2245
12.5JC-18R/9863AA	110-2245	15.0JC-3CR/12943T	110-2245
12.5JC-18R/11783AA	110-2245	15.0JC-3CR/13536AA, AB	110-2486
12.5JC-18R/11917AA	110-2245	15.0JC-3CR/14597AB	110-2245
12.5JC-18R/14436AA	110-2245	15.0JC-3CR/16086AA	110-2486
12.5JC-18R/15813AA	110-2245	15.0JC-3CR/19203AA	110-2245
12.5JC-18R/16425AB	110-2245	15.0JC-3CR/26446AB	110-2245
12.5JC-18R/18092AB	110-2245	15.0JC-3CR/28184AB	110-2245
12.5JC-18R/25786AB	N/A	15.0JC-3CR131/12165AA	110-2245
12.5JC-53CR/1AB	110-2245	15.0JC-3CR131/17187AA	110-2245
12.5JC-53CR/12AB	110-2245	15.0JC-3R/1J,P	110-2032
12.5JC-518R/1AB	110-2245	15.0JC-3R/12G,P	110-2032
12.5JC-518R/12AB	110-2245	15.0JC-3R/13L,R	110-2032
		15.0JC-3R/13S	110-2088
15.0JC-L/16581AB	110-2245	15.0JC-3R/1018R	110-2032
15.0JC-3CR/1S	110-2032	15.0JC-3R/1579L	110-2032
15.0JC-3CR/1T	110-2245	15.0JC-3R/4283R	110-2032
15.0JC-3CR/12T	110-2245	15.0JC-3R/5902S	110-2032
15.0JC-3CR/926S	110-2032	15.0JC-3R/6791S	110-2032
15.0JC-3CR/2442AA	110-2245	15.0JC-3R/10549AA, AB	110-2245
15.0JC-3CR/3098AA	110-2245	15.0JC-3R/11105T	110-2245
15.0JC-3CR/3231S	110-2088	15.0JC-3R/22940AB	110-2245
15.0JC-3CR/3980U, AA,AB	110-2486	15.0JC-3RV/96R	110-2032
15.0JC-3CR/7512AA	110-2245	15.0JC-3RV/5740P,R	110-2032
15.0JC-3CR/8388AB	110-2245	15.0JC-4R/13L	110-2032
15.0JC-3CR/8505C,S,	110-2088	15.0JC-4R/1369F	110-2032
15.0JC-3CR/8505T	110-2486	15.0JC-4R/2488L	110-2032
15.0JC-3CR/8505U	110-2245	15.0JC-4R/2681S	110-2088
15.0JC-3CR/8525S	110-2032	15.0JC-4R/2681T	110-2486
15.0JC-3CR/8602S	110-2032	15.0JC-4R/5316R	110-2032
15.0JC-3CR/8838AB	110-2245	15.0JC-4R/5316S	110-2088
15.0JC-3CR/9269AB	110-2245	15.0JC-4R/11814U	110-2486
15.0JC-3CR/9549T,AA	110-2245	15.0JC-4R/11911U	110-2245
15.0JC-3CR/9574S	110-2088	15.0JC-4R/12184U	110-2486
15.0JC-3CR/9574T	110-2486	15.0JC-4R/13572AA	110-2245
15.0JC-3CR/9597AA	110-2245	15.0JC-4R/13893U	110-2486
15.0JC-3CR/9655AA	110-2245	15.0JC-4R/15836AA	110-2245
15.0JC-3CR/10208S	110-2032	15.0JC-4R31/2539U	110-2486
15.0JC-3CR/10258AA	110-2245	15.0JC-4R31/6046R	110-2032
15.0JC-3CR/10259AB	110-2245	15.0JC-4R31/8400S	110-2088
15.0JC-3CR/10410S	110-2088	15.0JC-4R31/8400T	110-2486
15.0JC-3CR/10633AA	110-2245	15.0JC-4R31/9552S	110-2088

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
15.0JC-4R31/9428S	110-2088		
15.0JC-4R31/9428T	110-2486		
15.0JC-4RV/5736R	110-2032		
15.0JC-4XR/13K	110-2032		
15.0JC-4XR/2539S	110-2088		
15.0JC-4XR/2539T	110-2486		
15.0JC-4XR/5144T	110-2245		
15.0JC-4XR/6077S	110-2032		
15.0JC-4XR/13051U, AB	110-2486		
15.0JC-4XR/14040AA	110-2245		
15.0JC-4XR/14537AA	110-2245		
15.0JC-4XR31/9428S	110-2088		
15.0JC-4XR31/9428T	110-2486		
15.0JC-5DR/12S	110-2032		
15.0JC-5DR/5321L	110-2032		
15.0JC-5DR/9788AA	110-2245		
15.0JC-5DR/10797S	110-2032		
15.0JC-5DR/11844U	110-2486		
15.0JC-5DR/11846U	110-2245		
15.0JC-5DR/15183AA	110-2245		
15.0JC-18R/1AA	110-2245		
15.0JC-18R/13AA,AB	110-2245		
15.0JC-18R/1018AA	110-2245		
15.0JC-18R/3980AA	110-2486		
15.0JC-18R/8100AA,AB	110-2245		
15.0JC-18R/8457AA	110-2245		
15.0JC-18R/9269AB	110-2245		
15.0JC-18R/9597AA	110-2245		
15.0JC-18R/10163AA	110-2245		
15.0JC-18R/11837AA,AB	110-2486		
15.0JC-18R/11844AA, AB	110-2486		
15.0JC-18R/11891AA, AB	110-2486		
15.0JC-18R/11941AA,AB	110-2245		
15.0JC-18R/12250AA, AB	110-2486		
15.0JC-18R/12471AA,AB	110-2486		
15.0JC-18R/12787AA,AB	110-2486		
15.0JC-18R/13704AB	110-2245		
15.0JC-18R/13893AB	110-2486		
15.0JC-18R/14669AA	110-2245		
15.0JC-18R/15183AA,AB	110-2245		
15.0JC-18R/15478AB	110-2245		
15.0JC-18R/17164AB	110-2245		
15.0JC-18R/17637AB	110-2245		
15.0JC-18R/19058AA	110-2245		
15.0JC-18R/30634AB	110-2245		
15.0JC-18R131/11917AA, AB	110-2245		
15.0JC-18R131/18766AA	110-2245		
		12.5JCA/All Spec C except:	110-2245
		12.5JCA/69409C	110-2486
		12.5JCA/70970C	110-2486
		12.5JCA/73093C	110-2486
		12.5JCA/73125C	110-2486
		12.5JCA/73277C	110-2486
		12.5JCA/74504C	110-2486
		15.0JCB/All Spec C except:	110-2245
		15.0JCB/68778C	110-2486
		15.0JCB/71606C	110-2486
		15.0JCB/73859C	110-2486
		15.0JCB/74034C	110-2486
		15.0JCB/75043C	110-2486
		15.0JCB/75263C	110-2486
		15.0JCB/76331C	110-2486
		15.0JCB/76427C	110-2486
		15.0JCB/76519C	110-2486
		<u>K Series Portables</u>	N/A
		<u>KV</u>	
		Spec A-B	100-2208
		Spec C-D	100-3083
		Spec E	100-3299
		Spec F	100-3389
		<u>KY</u>	
		Spec A-G	110-3913-01
		<u>Spec H-L</u>	100-4152
		<u>L25</u>	
		L25-MS/1742A	110-3341
		L25-MS/2004A	110-2045
		L25-MS/2127A	110-2045
		L25-MS/2293A	110-2045
		L25-MS/2454A	110-2045
		L25-MS/2455A	110-2045
		<u>L25-MS/2700B</u>	110-2045
		<u>L317 or 3A1.7</u>	N/A (13)
		<u>L423 or 4A2.3</u>	N/A (13)

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
<u>L423T or 4AT2.3</u>	N/A (13)	2.5LK-1R/9903J,S	110-2028
<u>L634 or 6A3.4</u>	N/A (13)	2.5LK-1R/10543J	110-2028
<u>L634T or 6AT3.4</u>	N/A (13)	2.5LK-1R/10545J,L	110-2028
LK		2.5LK-1R/10935J	110-2028
2.0LK-1M/1B	110-2028	2.5LK-1R/12006J,L	110-2028
2.0LK-1R/1A,B,L	110-2028	2.5LK-1R/13229K	110-2028
2.0LK-1R/12L	110-2028	2.5LK-1R/13646J	110-2028
2.0LK-1R/13B	110-2028	2.5LK-1R/16675L	110-2307
2.0LK-1R/23C,E	110-2028	2.5LK-1R/14185L	110-2028
2.0LK-1R1330/23B	110-2028	2.5LK-1R/19399L	110-2028
2.0LK-1RV/1B	110-2028	2.5LK-1R/19951L	110-2028
2.0LK-1RV/2322B	110-2028	2.5LK-1R/21002L	110-2028
2.0LK-1RV1330/1A,B	110-2028	2.5LK-1R/23436L	110-3110
2.0LK-1RV1330/2633B	110-2028	2.5LK-1R/23429L	110-2028
2.0LK-3R/1B	110-2028	2.5LK-1R/23870L	110-3110
2.0LK-3RV/1A	110-2028	2.5LK-1R/19951L	110-2028
2.0LK-3RV/13E	110-2028	2.5LK-1R/24773N	110-3110
2.0LK-3RV/1330B,C	110-2028	2.5LK-1R/26918N	110-3110
2.0LK-3RV/1466B	110-2028	2.5LK-1RV/1D,E	110-2028
2.0LK-3R31/8400L	110-2028	2.5LK-1RV/12E	110-2028
2.5LK-1M/1B,E,L	110-2028	2.5LK-1RV/23E	110-2028
2.5LK-1M/983E	110-2028	2.5LK-1RV/2634E	110-2028
2.5LK-1R/1B,C,E	110-2028	2.5LK-1RV/7335E	110-2028
2.5LK-1R/12L	110-3110	2.5LK-1RV1330/1A,B,C	110-2028
2.5LK-1R/13E,L	110-2028	2.5LK-1RV6000/1G	110-2028
2.5LK-1R/23C,E,L	110-2028	2.5LK-1RV6000/7060F	110-2028
2.5LK-1R/1330K	110-2028	2.5LK-1RV6000/7740G	110-2028
2.5LK-1R/3195E	110-2028	2.5LK-3CR/12000M	110-2668
2.5LK-1R/5116D	110-2028	2.5LK-3M/1C,L	110-2028
2.5LK-1R/6000H,J	110-2028	2.5LK-3R/1L	110-2028
2.5LK-1R/6892E	110-2028	2.5LK-3R/12E	110-2028
2.5LK-1R/8100E,L	110-2028	2.5LK-3R/8389E	110-2028
2.5LK-1R/8100N	110-3110	2.5LK-3R/8389L	110-2028
2.5LK-1R/8389E	110-2028	2.5LK-3R/8506L	110-2028
2.5LK-FB/8389N	110-3110	2.5LK-3RV/13C	110-2028
2.5LK-1R/8390E	110-2028	2.5LK-3RV/862B	110-2028
2.5LK-1R/8440L	110-2028	2.5LK-8R/677E	110-2028
2.5LK-1R/8488L	110-2028	2.5LK-8R/5954E	110-2028
2.5LK-1R/8562L	110-2028	2.5LK-8R/6708E	110-2028
2.5LK-1R/8575E	110-2028	2.5LK-8R/7230E	110-2028
2.5LK-1R/8747E	110-2028	2.5LK-8R/7585E	110-2028
2.5LK-1R/9272E	110-2028	2.5LK-8R/9449E	110-2185
		2.5LK-8R/10433E	110-2185
		2.5LK-8R/13759E,L	110-2307
		2.5LK-8R/23546L	110-3310
		LKB-MS/1777A	110-2304

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
4.0LKB-1M/1A	N/A	<u>MCE</u>	110-3422-25
<u>MAJ</u>		<u>MCG</u>	F2 CECO
0.6MAJ-212R/1L	110-2057	<u>MDG</u>	F2 CECO
1.0MAJ-1R/1A	N/A	<u>MDJA</u>	
1.5MAJ-232R/1E,F	N/A	3.0MDJA-1R/1E,S	110-2124
1.5MAJ-232R/1M	110-2057	3.0MDJA-3CR/2268U,V	110-2124
2.5MAJ-1R/1G-M,1N	110-2072	3.0MDJA-3CR/24628V	N/A
3.0MAJ-1P/1R	110-2072	3.0MDJA-3R/1R	110-2124
		3.0MDJA-232R/2268T	110-2124
		3.0MDJA-232R/3316E	110-2124
<u>MAJB</u>		<u>MDJB</u>	
3.0MAJB-1R/1A	110-3399	6.0MDJB-3CR/10142S	N/A
3.0MAJB-1R/1B	110-3916	6.0MDJB-3R/1D,F,L	N/A
		6.0MDJB-3R/96D	N/A
		6.0MDJB-3R/2268P,R,S	N/A
		6.0MDJB-3R/3316P,R	N/A
<u>MCCK</u>		<u>MDJC</u>	
4.0MCCK-1A/1A	110-3422-23	12.0MDJC-3CR/1AA	110-2204
4.0MCCK-1A/1C	110-3422-23	12.0MDJC-3CR/2268S	110-2069
4.0MCCK-1A/2268C	110-3422-23	12.0MDJC-3CR/2268T-AA	110-2204
4.0MCCK-1A/2268E	110-3422-23	12.0MDJC-3CR/2268AD	110-3391
4.0MCCK-1R/1A	110-3422-23	12.0MDJC-3CR/3316S	110-2069
4.0MCCK-1R/1C,1D	110-3422-23	12.0MDJC-3CR/3316T,AA	110-2204
4.0MCCK-1R/1168B	110-3422-23	12.0MDJC-3CR/8757S	110-2069
4.0MCCK-3CR/2268E	110-3422-23	12.0MDJC-3CR/10141AA	110-2204
4.0MCCK-3CR/2268H,1H	110-3422-24	12.0MDJC-3E3826/2268P	110-2069
6.5MCCK-1A/1A	110-3422-23	12.0MDJC-3R/2268D,P,R	110-2069
6.5MCCK-1A/1B,C,D,E,F	110-3422-23	12.0MDJC-3R/2268AD	110-3391
6.5MCCK-1A/2268C,D	110-3422-23	12.0MDJC-3R/2384B	110-2069
6.5MCCK-1A/2268E	110-3422-23	12.0MDJC-3R/3316A	110-2069
6.5MCCK-1R/1A	110-3422-23	12.0MDJC-3R3/2268R	110-2069
6.5MCCK-1R/1C	110-3422-23	12.0MDJC-3R3/3368P	110-2069
6.5MCCK-3CR/1D	110-3422-23	12.0MDJC-18R/2268AD	110-3391
6.5MCCK-3CR/1F	110-3422-23	12.0MDJC-4R/1R	110-2069
6.5MCCK-3CR/1G	110-3422-24		
6.5MCCK-3CR/1H	110-3422-24	15.0MDJC-3R3/6396P	N/A
6.5MCCK-3CR/2268D	110-3422-23	15.0MDJC-4R/3316R	110-2069
6.5MCCK-3CR/2268F	110-3422-23		
6.5MCCK-3CR/2268G,H,J	110-3422-24		

Model Number **Short Block No.****MDJE**

7.5MDJE-3CE/2268B	N/A
7.5MDJE-3CR/1B,AA	N/A
7.5MDJE-3CR/1AD	110-2901
7.5MDJE-3CR/2268B-AA	N/A
7.5MDJE-3CR/2268AB-AF	110-2901
7.5MDJE-3CR/3316B	N/A
7.5MDJE-3CR/10141L	N/A
7.5MDJE-3CR/10141AD	110-2901
7.5MDJE-18R/14852AA	N/A

MDJF

12.0MDJF-518R/2268AA	110-2163
15.0MDJF-3CR/1B,1C	110-2163
15.0MDJF-3CR/1AD	110-3383
15.0MDJF-3CR/2268B,D	110-2126
15.0MDJF-3CR/2268C,AA	110-2163
15.0MDJF-3CR/2268AB	110-2163
15.0MDJF-3CR/9374C,AA	110-2163
15.0MDJF-3CR/10141C,AA	110-2163
15.0MDJF-3CR4/8757B	110-2126
15.0MDJF-3R/1B	110-2126
15.0MDJF-3R/2268A,B,D	110-2126
15.0MDJF-3R/3316B	110-2126
15.0MDJF-3R/9374C	110-2163
15.0MDJF-4R/2268B	110-2126
15.0MDJF-4R/3316C	110-2163
15.0MDJF-4R/4686D	110-2163
15.0MDJF-18R/2268AA	110-2163
15.0MDJF-18R/4686AA	110-2163
18.5MDJF-18R/2268AD	110-3383

MDKAD

Spec A-B (12 VDC)	100-3243-01
Spec A-B (24 VDC)	100-3243-02

MDKAE

Spec A-B (12 VDC)	100-3153-01
Spec A-B (24 VDC)	100-3153-02

Model Number **Short Block No.****MDKAF**

Spec A (12 VDC)	100-3327-01
Spec A (24 VDC)	100-3327-02

MDKAL

6.5 12 Volt	100-3443-01
6.5 24 Volt	100-3443-02
8.0 12 Volt	100-3442-01
8.0 24 Volt	100-3442-02

MDKC

Spec C (24 VDC)	100-1965-01
Spec B (12 VDC)	100-1965

MDKD

Spec C	100-2077
Spec D	100-2077-01

MDL3

110-3713

MDKUB

Spec A-C	100-3107
Spec D (50 Hz)	100-3414-01
Spec D (60 Hz)	100-3414-02

MDKWB

Spec A-C	100-3104
Spec D (50 Hz)	100-3413-01
Spec D (60 Hz)	100-3413-02

MDL4

110-3719

MDL6

110-3725

MME

100-2238

MJB

5.0MJB-1R/1A	110-2212
5.0MJB-1R/96B	110-2212

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
7.5MJB-1R/1E	110-3100	NH-MS/2259C	N/A
7.5MJB-3R/1F	N/A	NH-MS/2262C	N/A
<u>MJC</u>		NH-MS/2288C	N/A
10.0MJC-3CR/1AB	110-2210	NH-MS/2394C	N/A
10.0MJC-3CR/2268S	110-2210	NH-MS/2497A	N/A
<u>N52M</u>		NH-MS/2589C	N/A
N52M-GA019.9/3411	110-3859	5.0NH-404E/10963C	N/A
N52M-GA019.0/3447	110-3421-26	5.0NH-57R/16010K	110-3421-24
N52M-GA019.9/3448	110-3421-26	5.0NH-53BR/25328P	110-3421-24
N52M-GA019.9/3521	110-3421-26	5.5NH-53BR/18492J	110-3421-24
N52M-GA019.9/3580	110-3859	5.5NH-57R/12009D	N/A
N52M-GA019.9/3581	110-3421-26	5.5NH-57R/14307D	N/A
N52M-GA019.9/3601	110-3421-26	6.0NH-1R/9000A,E,G,H	110-3421-25
N52M-GA019.9/3638	110-3859	6.0NH-1R/9500A	110-3421-25
N52M-GA019.9/3820	110-3859	6.5NH-3CE/2236C,D	N/A
<u>NB</u>		6.5NH-3CE/16777D	N/A
	N/A	6.5NH-3CE/21880L	N/A
<u>NH</u>		6.5NH-3CR/1CF	N/A
NH-F/2274C	N/A	6.5NH-3CR/12F	N/A
NH-MF/1C	N/A	6.5NH-3CR/12P	110-3421-24
NH-MS/1A-C	N/A	6.5NH-3CR/6000C	N/A
NH-MS/1832A-C	N/A	6.5NH-3CR/8100F	N/A
NH-MS/1918A-C	N/A	6.5NH-3CR/8100P	110-3421-24
NH-MS/1980A-C	N/A	6.5NH-3CR/8389F	N/A
NH-MS/1981A-C	N/A	6.5NH-3CR/8389L	110-3421-24
NH-MS/2024C	N/A	6.5NH-3CR/8389P	110-3421-24
NH-MS/2118C	N/A	6.5NH-3CR/8747P	N/A
NH-MS/2120C	N/A	6.5NH-3CR/10005C	N/A
NH-MS/2136C	N/A	6.5NH-3CR/10621C	N/A
NH-MS/2138C	N/A	6.5NH-3CR/12000D	N/A
NH-MS/2145B,C	N/A	6.5NH-3CR/12001D	N/A
NH-MS/2053A,B	N/A	6.5NH-3CR/12009D	N/A
NH-MS/2055A	N/A	6.5NH-3CR/12012D	N/A
NH-MS/2057C	N/A	6.5NH-3CR/12013D	N/A
NH-MS/2074C	N/A	6.5NH-3CR/12014D	N/A
NH-MS/2146C	N/A	6.5NH-3CR/12894D	N/A
NH-MS/2196C	N/A	6.5NH-3CR/15336D	N/A
NH-MS/2199C	N/A	6.5NH-3CR/16000J-M	110-3421-24
NH-MS/2242C	N/A	6.5NH-3CR/16004J-N	110-3421-24
		6.5NH-3CR/16004P	110-3421-24
		6.5NH-3CR/16019J-N	110-3421-24
		6.5NH-3CR/16020K,N	110-3421-24
		6.5NH-3CR/16020P	110-3421-24

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
NHC-MS/2436A	110-3421-26	NHC-MS/2717B	110-3421-26
NHC-MS/2456A	110-3421-26	NHC-MS/2718B	110-3421-31 (4)
NHC-MS/2467A	110-3421-26	NHC-MS/2721B	110-3421-31 (3)
NHC-MS/2469A	110-3421-26	NHC-MS/2731B	110-3421-26
NHC-MS/2476A	110-3421-26	NHC-MS/2732B	110-3421-26
NHC-MS/2479A	110-3421-31 (3)	NHC-MS/2763B	110-3421-26
NHC-MS/2487A	110-3421-26	NHC-MS/2786B	110-3421-26
NHC-MS/2488A	110-3421-26	NHC-MS/2829B	110-3421-26
NHC-MS/2497A	110-3421-26	NHC-MS/2834B	N/A
NHC-MS/2498A	110-3421-26	NHC-MS/2846B	110-3421-31 (4)
NHC-MS/2502A,B,C	110-3421-31 (3)	NHC-MS/2856B	110-3421-26
NHC-MS/2530A	110-3421-26	NHC-MS/2867B	NA
NHC-MS/2531C	110-3421-31 (3)	NHC-MS/2884C	110-3421-31 (3)
NHC-MS/2538A	110-3421-26	NHC-MS/2889B	110-3421-26
NHC-MS/2540A	110-3421-26	NHC-MS/2896B	110-3421-26
NHC-MS/2541A,B	110-3421-26	NHC-MS/2916B	110-2319
NHC-MS/2543A,B	110-3421-26	NHC-MS/2917B	110-3421-26
NHC-MS/2565A	110-3421-31 (4)	NHC-MS/2918B	110-3421-26
NHC-MS/2570A,B,C	110-3421-26	NHC-MS/2919B	110-3421-26
NHC-MS/2571A,B,C	110-3421-26	NHC-MS/2922B	110-3421-26
NHC-MS/2572A	110-3421-31 (3)	NHC-MS/2954B	110-3421-31 (3)
NHC-MS/2577A	110-3421-31 (3)	NHC-MS/2991B	110-3421-26
NHC-MS/2580A	110-3421-26	NHC-MS/2992B	110-3421-26
NHC-MS/2613A	110-3421-26	NHC-MS/2993B	110-3421-26
NHC-MS/2618A	110-3421-26	NHC-MS/2999B	110-3421-26
NHC-MS/2623A	110-3421-31 (4)	NHC-MS/3016B	110-3421-26
NHC-MS/2624A	110-3421-26	NHC-MS/3034B	110-3421-26
NHC-MS/2626A	110-3421-26	NHC-MS/3052C	110-3421-31 (4)
NHC-MS/2626C	110-3421-26	NHC-MS/3056C	110-3421-31 (3)
NHC-MS/2628A,C	110-3421-26	NHC-MS/3071C	110-3421-26
NHC-MS/2635A	110-3421-31 (3)	NHC-MS/3072C	110-3421-26
NHC-MS/2636A	110-3421-31 (4)	NHC-MS/3073C	110-3421-26
NHC-MS/2642A	110-3421-26	NHC-MS/3077C	110-3421-26
NHC-MS/2644A	110-3421-26	NHC-MS/3094C	110-3421-26
NHC-MS/2645A	110-3421-26	NHC-MS/3102C	110-3421-26
NHC-MS/2652A	110-3421-26	NHC-MS/3103C	110-3421-26
NHC-MS/2672A	110-3421-31 (4)	NHC-MS/3107C	110-3421-26
NHC-MS/2684A	110-3421-26	NHC-MS/3125C	110-3421-31 (4)
NHC-MS/2698A,B	110-3421-26	NHC-MS/3144B	110-3421-26
NHC-MS/2699B	110-3421-26	NHC-MS/3146C	110-3421-26
NHC-MS/2703B	110-3421-31 (4)	NHC-MS/3154C	110-3421-31 (4)
NHC-MS/2704B	110-3421-26	NHC-MS/3168C	N/A
NHC-MS/2705B	110-3421-26	NHC-MS/3203C	110-3421-26
NHC-MS/2706B	110-3421-26	NHC-MS/3247C	110-3421-26
NHC-MS/2707B	110-3421-26	NHC-MS/3254C	110-3421-26
NHC-MS/2708B	110-3421-26	NHC-MS/3285C	110-3421-26
NHC-MS/2710B	110-3421-31 (4)	NHC-MS/3286C	110-3421-26

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
NHC-MS/3287C	110-3421-26	NHC-MS/3937D	110-3421-31 (4)
NHC-MS/3308C	110-3421-26	NHC-MS/3952D	110-3421-31 (3)
NHC-MS/3335C	110-3421-26	NHC-MS/3958D	110-3421-31 (3)
NHC-MS/3346C	110-3421-26	NHC-MS/3962D	110-3421-31 (3)
NHC-MS/3348C	110-3421-31 (4)	NHC-MS/3967D	110-3421-26
NHC-MS/3376C	110-3421-26	NHC-MS/3971D	110-3421-26
NHC-MS/3378C	110-3421-26	NHC-MS/3977D	110-3421-26
NHC-MS/3391C	N/A	NHC-MS/3990D	110-3421-30 (3)
NHC-MS/3392C	110-3421-26	NHC-MS/4015D	110-3421-30 (3)
NHC-MS/3406C	110-3421-26	NHC-MS/4019D	110-3421-29 (4)
NHC-MS/3469C	110-3421-26	NHC-MS/4022D	110-3421-26
NHC-MS/3481C	110-3421-26	NHC-MS/4037D,E	110-3421-28
NHC-MS/3518C	110-3421-31 (4)	NHC-MS/4073D	110-3421-26
NHC-MS/3538C	110-3421-29 (4)	NHC-MS/4112D	110-3421-26
NHC-MS/3597C	110-3421-29 (4)	NHC-MS/4122D	110-3421-26
NHC-MS/3624C	110-3421-31 (4)	NHC-MS/4149D	110-3421-26
NHC-MS/3626C	110-3421-26	NHC-MS/4152D	110-3421-29 (4)
NHC-MS/3637C	110-3421-26	NHC-MS/4155D	110-3421-26
NHC-MS/3727C	110-3421-31 (3)	NHC-MS/4156D	110-3421-31 (3)
NHC-MS/3730C	110-3421-31 (3)	NHC-MS/4193D	110-3421-31 (4)
NHC-MS/3762C	110-3421-31 (4)	NHC-MS/4194D	110-3421-31 (3)
NHC-MS/3780C	110-3421-26	NHC-MS/4209D	110-3421-28
NHC-MS/3793C	110-3421-26	NHC-MS/4222D	110-3421-29 (4)
NHC-MS/3806C	110-3421-26	NHC-MS/4293D	110-3421-26
NHC-MS/3822D	110-3421-26	NHC-MS/4311D	110-3421-31 (3)
NHC-MS/3832D	110-3421-26	NHC-MS/4390E	110-3421-26
NHC-MS/3837D	110-3421-26	NHC-MS/4391E	110-3421-26
NHC-MS/3843D	110-3421-30 (3)	NHC-MS/4392E	110-3421-29 (4)
NHC-MS/3865D	110-3421-26	NHC-MS/4412E	110-3421-31 (3)
NHC-MS/3868D	110-3421-26	NHC-MS/4421E	110-3421-28
NHC-MS/3888D	110-3421-26	NHC-MS/4423E	110-3421-26
NHC-MS/3898B,D	110-3421-26	NHC-MS/4424E	110-3421-28
NHC-MS/3903D	110-3421-31 (3)	NHC-MS/4427E	110-3421-31 (4)
NHC-MS/3904D	110-3421-29 (4)	NHC-MS/4428E	110-3421-26
NHC-MS/3906D	110-3421-31 (4)	NHC-MS/4429E	110-3421-31 (3)
NHC-MS/3910D	110-3421-26	NHC-MS/4432E	110-3421-31 (3)
NHC-MS/3911D	110-3421-26	NHC-MS/4438E	110-3421-26
NHC-MS/3912D	110-3421-26	NHC-MS/4439D	110-3421-26
NHC-MS/3913D	110-3421-26	NHC-MS/4440E	110-3421-29 (4)
NHC-MS/3914D	110-3421-26	NHC-MS/4441E	110-3421-26
NHC-MS/3916D	110-3421-31 (4)	NHC-MS/4444E	110-3421-26
NHC-MS/3917D	110-3421-26		
NHC-MS/3918D	110-3421-26	NHC-3MG/3928D	N/A
NHC-MS/3919D	110-3421-26		
NHC-MS/3920D	110-3421-26	NHCV-MS/1A,B,C,D,E	110-3421-26
NHC-MS/3923D	110-3421-31 (3)	NHCV-MS/2270B	110-3421-26
NHC-MS/3934D	110-3421-26	NHCV-MS/2433C	110-3421-26

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
NHCV-MS/2626C	110-3421-26	<u>NHD</u>	110-3421-22
NHCV-MS/2640B	110-3421-31 (3)	<u>NHE/NHEL</u>	110-3421-22
NHCV-MS/2683B	110-3421-26	<u>NHL</u>	
NHCV-MS/2800B	110-3421-26	6.3NHL-3CR/16013P	110-3421-24
NHCV-MS/2845B	110-3421-26	6.3NHL-3CR/16014P	110-3421-24
NHCV-MS/2914B	110-3421-26	<u>NHM</u>	
NHCV-MS/2924B	110-3421-26	Spec A	110-3421-22
NHCV-MS/2957B	110-3421-26	Begin Spec B	110-3421-23
NHCV-MS/2965B	110-3421-26	<u>NHP</u>	
NHCV-MS/2995B	110-3421-26	NHP-MS/3180C	N/A
NHCV-MS/3013B	110-3421-26	NHP-MS/3181C	110-3421-26
NHCV-MS/3048B	110-3421-26		
NHCV-MS/3057B	110-3421-26		
NHCV-MS/3064C	110-3421-26		
NHCV-MS/3080C	110-3421-26		
NHCV-MS/3087C	N/A		
NHCV-MS/3093C	110-3421-26		
NHCV-MS/3099C	N/A		
NHCV-MS/3153C	110-3421-26		
NHCV-MS/3206C	110-3421-31 (3)		
NHCV-MS/3207C	110-3421-26		
NHCV-MS/3234C	110-3421-26		
NHCV-MS/3235C	110-3421-26		
NHCV-MS/3247C	110-3421-26		
NHCV-MS/3278C	110-3421-26		
NHCV-MS/3279C	110-3421-26		
NHCV-MS/3366C	110-3421-26		
NHCV-MS/3382C	110-3421-26		
NHCV-MS/3424C	110-3421-26		
NHCV-MS/3424D	110-3421-26		
NHCV-MS/3427C	110-3421-26		
NHCV-MS/3458C	110-3421-14		
NHCV-MS/3573C	110-3421-26		
NHCV-MS/3594C	110-3421-26		
NHCV-MS/3609C	110-3421-26		
NHCV-MS/3697C	110-3421-26		
NHCV-MS/3701C	110-3421-26		
NHCV-MS/3924D	110-3421-26		
NHCV-MS/3960D	110-3421-26		
NHCV-MS/3998D	110-3421-26		
NHCV-MS/4032D	110-3421-26		
NHCV-MS/4075D	110-3421-26		
NHCV-MS/4147D	110-3421-26		
NHCV-MS/4251D	110-3421-26		
NHCV-MS/4389E	110-3421-26		

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
10461	110-3823-15	110-3824-23	110-3824-23		
10462		110-3824-22	110-3824-22		
10463			110-3824-22		
10464	110-3823-03				
10478	110-3823-08				
10482			110-3824-18		
10488			110-3824-03		
10498	110-3823-11				
10501		110-3824-11			
10509			110-3824-23		
10519	110-3823-06				
10528	110-3823-15	110-3824-23	110-3824-23		
10530	110-3823-15	110-3824-23	110-3824-23		
10531	110-3823-03	110-3824-01	110-3824-01		
10538	110-3823-15				
10539		110-3824-23			
10540			110-3824-23		
10541			110-3824-23		
10543			110-3824-23		
10550		110-3824-11			
10551		110-3824-09(3)	110-3824-09(3)		
10552	110-3823-09(4)	110-3824-08(4)			
10556	110-3823-07(6)	110-3824-11(6)			
10557		110-3824-11	110-3824-11		
10558			110-3824-11		
10559		110-3824-23			
10560	110-3823-06		110-3824-21		
10561			110-3824-23		
10562	110-3823-15	110-3824-23	110-3824-23		
10563			110-3824-23		
10596			110-3824-03		
10601		110-3824-23	110-3824-23		
10605	110-3823-03	110-3824-01			
10606	110-3823-11				
10608		110-3824-22			

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
10626			110-3824-01		
10630		110-3824-13			
10632	110-3823-15	110-3824-23			
10640		110-3824-08(3)			
10641		110-3824-11			
10645	110-3823-15				
10646	110-3823-06				
10648			110-3824-09(3)		
10649			110-3824-23		
10662	110-3823-06				
10666	110-3823-15				
10667		110-3824-01			
10670			110-3824-09(4)		
10671	110-3823-15				
10674		110-3824-08(4)			
10675		110-3824-23			
10676		110-3824-23	110-3824-23		
10677			110-3824-09(3)		
10678			110-3824-01		
10680			110-3824-09(3)		
10684				110-3421-28	
10685			110-3824-23		
10691	110-3823-15				
10692		110-3824-23			
10698		110-3824-08(4)			
10701		110-3824-23	110-3824-23		
10704				110-3421-28	
10705				110-3421-28	
10706		110-3824-11			
10707				110-3421-28	
10708				110-3421-29(4)	110-3855-15
10709		110-3824-13			
10710				110-3421-28	
10711				110-3421-28	
10712	110-3823-15				
10713				110-3421-28	

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
10714		110-3824-23	110-3824-23		
10720	110-3823-15	110-3824-23	110-3824-23		
10721	110-3823-03	110-3824-01	110-3824-01		
10722	110-3823-15	110-3824-23	110-3824-23		
10725		110-3824-09(3)	110-3824-09(3)		
10726				110-3421-26	
10727				110-3421-31(3)	
10729	110-3823-15	110-3824-23			
10731	110-3823-15		110-3824-23		
10734	110-3823-07				
10735		110-3824-11(6)			
10736			110-3824-11		
10740	110-3823-15		110-3824-23		
10741	110-3823-10(4)				
10742		110-3824-05			
10744	110-3823-15				
10748			110-3824-23		
10753	110-3823-10(3)				
10756		110-3824-23			
10759			110-3824-21		
10760			110-3824-23		
10765	110-3823-08				
10769			110-3824-23		
10775			110-3824-01		
10776			110-3824-01		
10777		110-3824-05			
10779	110-3823-15				
10780	110-3823-15				
10782			110-3824-18		
10783	110-3823-11				
10784	110-3823-09(4)				
10788	110-3823-15	110-3824-23	110-3824-23		
10790			110-3824-21		
10791		110-3824-01			
10792				110-3421-34	
10796	110-3823-15				
10797	110-3823-10(4)				

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
10803				110-3421-28	
10808			110-3824-04		
10813				110-3421-33	110-3855-18
10814				110-3421-28	110-3855-12
10815			110-3824-01		
10816			110-3824-23		
10821		110-3824-08(4)			
10825				110-3421-28	
10828				110-3421-28	
10829				110-3421-31(4)	
10830		110-3824-09(4)	110-3824-09(4)		
10832	110-3823-07	110-3824-11(6)	110-3824-11(6)		
10833				110-3421-26	110-3855-21
10834				110-3421-28	110-3855-12
10835				110-3421-31(3)	
10836				110-3421-31(4)	
10837				110-3421-28	110-3855-12
10838				110-3421-31(4)	
10839				110-3421-28	
10841				110-3421-26	110-3855-21
10842				110-3421-28	110-3855-12
10843				110-3421-31	
10844		110-3824-08(4)			
10845		110-3824-23			
10847				110-3421-28	
10857		110-3824-21			
10862		110-3824-04			
10866	110-3823-07(6)				
10867		110-3824-13			
10868		110-3824-11(6)			
10874	110-3823-11(4)				
10875				110-3421-26	
10876		110-3824-15			
10877		110-3824-11			
10882		110-3824-21			
10888	110-3823-15	110-3824-23	110-3824-23		
10889	110-3823-15	110-3824-23	110-3824-23		

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
10890				110-3421-28	110-3855-12
10895				110-3421-29	
10896			110-3824-23		
10897		110-3824-23			
10898		110-3824-08(4)			
10904	110-3823-15	110-3824-23	110-3824-23		
10905		110-3824-05			
10906			110-3824-23		
10907		110-3824-21			
10909				110-3421-26	
10911	110-3823-15				
10912				110-3421-26	
10913				110-3421-34	110-3855-22
10920		110-3824-22			
10922				110-3421-28	110-3855-12
10923		110-3824-15			
10924		110-3824-15			
10925				110-3421-28	
10926	110-3823-04				
10927			110-3824-04		
10930		110-3824-06			
10931			110-3824-03		
10932			110-3824-04		
10933			110-3824-01		
10934			110-3824-22		
10935			110-3824-22		
10936		110-3824-05			
10937		110-3824-11(6)			
10938			110-3824-11(6)		
10939	110-3823-08				
10940			110-3824-23		
10941			110-3824-09		
10942			110-3824-10		
10943			110-3824-08		
10944			110-3824-18		
10945			110-3824-09		
10952	110-3823-15		110-3824-23		

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
10955			110-3824-23		
10956			110-3824-23		
10957	110-3823-15				
10958		110-3824-23			
10966				110-3421-28	110-3855-12
10967				110-3421-28	110-3855-12
10975	110-3823-11				
10976	110-3823-15				
10982			110-3824-23		
10983				110-3421-28	110-3855-12
10987				110-3421-30(4)	110-3855-17
10994		110-3824-23			
10999				110-3421-27	110-3855-21
11000	110-3823-06				
11003			110-3824-22		
11004		110-3824-08(4)			
11006		110-3824-08(4)			
11007	110-3823-04		110-3824-04		
11014				110-3421-31(4)	
11015				110-3421-28	
11016		110-3824-22	110-3824-22		
11017			110-3824-09(3)		
11021				110-3421-28	
11022				110-3421-26	110-3855-11
11025				110-3421-26	
11029				110-3421-28	110-3855-12
11031			110-3824-23		
11039				110-3421-31(4)	
11040			110-3824-09		
11041				110-3421-28	
11043				110-3421-28	
11050				110-3421-31	
11051	110-3823-15				
11054			110-3824-23		
11056		110-3824-09			
11057				110-3421-29	110-3855-15
11065			110-3824-23		

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
11066				110-3421-28	
11069			110-3824-22		
11070				110-3421-28	110-3855-12
11071				110-3421-29	110-3855-15
11072			110-3824-23		
11075		110-3824-20	110-3824-20		
11076		110-3824-11			
11077	110-3823-07(6)				
11081		110-3824-22	110-3824-22		
11082			110-3824-22		
11083	110-3823-08				
11087				110-3421-28	110-3855-12
11088			110-3824-11		
11089		110-3824-01	110-3824-01		
11090	110-3823-07(6)				
11091			110-3824-01		
11092				110-3421-26	
11093	110-3823-15		110-3824-23		
11100		110-3824-13			
11105	110-3823-09				
11106			110-3824-23		
11108		110-3824-09			
11109				110-3421-26	110-3855-11
11110	110-3823-11				
11111				110-3421-29	
11112			110-3824-18		
11113		110-3824-08(4)			
11115				110-3421-28	
11116				110-3421-28	110-3855-12
11117				110-3421-26	
11119				110-3421-34	110-3855-22
11120			110-3824-08		
11121			110-3824-23		
11122	110-3823-15				
11124			110-3824-23		
11125				110-3421-26	110-3855-11
11126		110-3824-01	110-3824-01		

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
11127			110-3824-01		
11128			110-3824-22		
11132	110-3823-06				
11133				110-3421-28	110-3855-12
11134			110-3824-01		
11135			110-3824-11		
11137			110-3824-22		
11138				110-3421-26	110-3855-11
11140		110-3824-11			
11145	110-3823-03	110-3824-01			
11146				110-3421-28	110-3855-12
11147		110-3824-23			
11149		110-3824-23			
11150				110-3421-28	
11151				110-3421-31	110-3855-16
11153			110-3824-23		
11154		110-3824-09			
11155				110-3421-31	110-3855-16
11156	110-3823-15				
11157				110-3421-28	
11158				110-3421-31	110-3855-16
11159			110-3824-23		
11160			110-3824-18		
11161		110-3824-08			
11162			110-3824-23		
11163			110-3824-10		
11166				110-3421-26	110-3855-11
11167				110-3421-28	110-3855-12
11168				110-3421-28	110-3855-12
11169			110-3824-09		
11174		110-3824-23	110-3824-23		
11175				110-3421-31	110-3855-16
11178			110-3824-23		
11180		110-3824-11			
11181				110-3421-28	110-3855-12
11182			110-3824-23		
11183				110-3421-26	110-3855-11

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
11184				110-3421-28	110-3855-12
11185				110-3421-28	110-3855-12
11186			110-3824-23		
11189				110-3421-31	110-3855-16
11190			110-3824-09		110-3855-16
11191	110-3823-15				
11192	110-3823-07				
11193		110-3824-11			
11194				N/A	110-3855-19
11196					110-3855-12
11198		110-3824-21			
11199	110-3823-06	110-3824-21			
11200					110-3855-12
11201	110-3823-15				
11202					110-3855-11
11203			110-3824-22		
11204	110-3823-15				
11205					110-3855-12
11206	110-3823-03				
11208	110-3823-06				
11210					110-3855-12
11211		110-3824-23			
11212			110-3824-18		
11213	110-3823-06				
11214					110-3855-22
11215		110-3824-23			
11216			110-3824-23		110-3855-12
11218			110-3824-23		
11219					110-3855-12
11220		110-3824-19			
11222					110-3855-12
11223					110-3855-12
11224	110-3823-15				
11225					110-3855-11
11227		110-3824-11			
11228					110-3855-12
11229					110-3855-12

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
11249			110-3824-03		
11251	110-3823-15	110-3824-23	110-3824-23		
11252	110-3823-03	110-3824-01	110-3824-01		
11253	110-3823-09	110-3824-08	110-3824-08		
11254	110-3823-11	110-3824-10	110-3824-10		
11255	110-3823-10	110-3824-09	110-3824-09		
11256				110-3421-28	110-3855-12
11257				110-3421-26	110-3855-11
11258				110-3421-29	110-3855-15
11259				110-3421-30	110-3855-17
11260				110-3421-31	110-3855-16
11273	110-3823-06				
11274			110-3824-01		
11275					110-3855-11
11277			110-3824-11		
11278					110-3855-12
11280	110-3823-14				
11281	110-3823-14				
11289					110-3855-21
11291	110-3823-15	110-3824-23	110-3824-23		
11292					110-3855-12
11293		110-3824-09			
11295					110-3855-12
11300		110-3824-15			
11302			110-3824-08		
11305	110-3823-15	110-3824-23	110-3824-23		
11306					110-3855-11
11313			110-3824-23		
11314					110-3855-22
11318					110-3855-16
11331					110-3855-11
11337	110-3823-15	110-3824-23	110-3824-23		
11338					110-3855-12
11354		110-3824-23			
11359	110-3823-14				
11363					110-3855-11
11367					110-3855-11

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
11383	110-3823-15	110-3824-23	110-3824-23		
11384					110-3855-12
11394		110-3824-11			
11395			110-3824-11		
11397	110-3823-15	110-3824-23	110-3824-23		
11398					110-3855-12
11401	110-3823-09				
11406	110-3823-06				
11407		110-3824-19			
11408	110-3823-14				
11409	110-3823-14				
11410		110-3824-11			
11411			110-3824-11		
11413	110-3823-06	110-3824-21			
11416	110-3823-14				
11417		110-3824-11			
11418			110-3824-11		
11421	110-3823-16				
11422A-G	110-3823-06				
11422H	110-3823-16				
11423		110-3824-19			
11431					110-3855-11
11432		110-3824-20			
11434					110-3855-12
11436					110-3855-12
11457		110-3824-23	110-3824-23		
11458	110-3823-14				
11459		110-3824-11			
11460			110-3824-11		
11468					110-3855-21
11469					110-3855-11
11471					110-3855-16
11480					110-3855-22
11481					110-3855-12
11485	110-3823-14				
11486	110-3823-14				
11487					110-3855-22

Model Number	Short Block Number				
	P216G-D/I/L/	P218G-D/I/L/	P220G-D/I/L/	P224G-D/I/L/ Spec A-D	P224G-D/I/L/ Begin Spec E
11490					110-3855-16
11493					110-3855-19
11495					110-3855-12
11496		110-3824-20	110-3824-20		
11499			110-3824-24		
11501			110-3824-11		
11510	110-3823-14				
11519	110-3823-14				
11520	110-3823-14				
11546		110-3824-24			
11551			110-3824-24		
11552			110-3824-24		
11561		110-3824-24	110-3824-24		
11568	110-3823-15				
11569		110-3824-20	110-3824-20		
11570					110-3855-19
11573			115-3824-09		110-3855-19
11582					110-3855-19
11583					110-3855-11
11590					110-3855-11
11592			110-3824-26		
11593			110-3824-26		
11602			110-3824-09		
11606			110-3824-08		
11607					110-3855-21

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
<u>P216V</u>	110-3425-01	15.0RDJC-3CR/1080S	110-2396
		15.0RDJC-3CR/1567AB	110-2396
<u>P218V</u>	110-3426-01	15.0RDJC-3CR/7508R	110-2396
		15.0RDJC-3CR/9453AA	110-2396
<u>P220V</u>	110-3426-01	15.0RDJC-3CR/12121T	110-2396
		15.0RDJC-3R/14AA,AB,T	110-2396
<u>P248V</u>		15.0RDJC-3R/539P	110-2396
		15.0RDJC-3R/1140T	110-2396
P248V-I/11445G,H	110-3426-01	15.0RDJC-3R/7508R	110-2396
P248V-I/11446G,H	110-3426-02	15.0RDJC-3R/9713AC	110-2396
P248V-L/11479G,H	110-3426-01	15.0RDJC-3R/9916AA	110-2396
P248V-L/11492G	110-3426-01	15.0RDJC-3R/13215AA	110-2884
		15.0RDJC-3R/17069AA	110-2396
<u>RCCK</u>		15.0RDJC-3R8/1031R	110-2396
		15.0RDJC-3R8/1337P	110-2396
RCCK-MS/2899A	N/A	15.0RDJC-3R50/16653AA	110-2396
RCCK-MS/3199A	N/A	15.0RDJC-4R/440AA	110-2396
RCCK-MS/3213A	110-3422-22	15.0RDJC-4R/2072AA-AD	110-2396
RCCK-MS/3236A	N/A	15.0RDJC-4R/3945R	110-2396
RCCK-MS/3611A	110-3422-22	15.0RDJC-4R/4544P	110-2396
RCCK-MS/3642A	110-3085	15.0RDJC-4R/4884C	110-2396
RCCK-MS/3881A	N/A	15.0RDJC-4R/15848AA	110-2396
RCCK-MS/3979A	110-3085	15.0RDJC-4R/16443AA	110-2884
		15.0RDJC-4R/18627AB	110-2396
<u>RDJA</u>		15.0RDJC-4R/22003AC	110-2396
		15.0 RDJC-4R/22989AC	110-2396
RDJA-MS/3150A	110-2811	15.0RDJC-4R8/1031S	110-2396
RDJA-MS/3353A	110-2811	15.0RDJC-4XR/9316AD	110-2396
RDJA-MS/3596A	110-2811	15.0RDJC-4XR8/96B	110-2396
RDJA-MS/3755A	110-2811	15.0RDJC-4XR/2072AD	110-2396
RDJA-MS/3830R	110-2811	15.0RDJC-4XR8/2044R	110-2396
		15.0RDJC-5DR/1AD	110-2396
<u>RDJC</u>		15.0RDJC-5DR/1140AA	110-2396
		15.0RDJC-5DR/10757AC	110-2396
City Water Cooled (Ref.)	110-2884	15.0RDJC-18R/1AA,14AA	110-2396
		15.0RDJC-18R/1567AB	110-2396
Radiator Cooled (Ref.)	110-2396	15.0RDJC-18R/16991AA	110-2396
		15.0RDJC-18R/18303AA	110-2396
12.0RDJC-3CR/21680AC	110-2396	15.0RDJC-18R/28170AD	110-2396
12.5RDJC-Spec E	N/A	15.0RDJC-57R/11691T	110-2396
12.5RDJC-53CR/6485AD	110-2396		
		<u>RDJEA</u>	
15.0 RDJC-Spec E	N/A	(15)	
15.0RDJC-3CR/1T,AB,AC	110-2396	RDJEA-MS/3515A	N/A
15.0RDJC-3CR/7AA	110-2396		

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
<u>RDJF</u>		12.0RJC-4XR31/2050R	110-2033
		12.0RJC-4XR31/2787S	110-2175
RDJF-MS/3217A	N/A	12.5RJC-3CR/9300AA	N/A
RDJF-MS/3375A	N/A	12.5RJC-3R/13797AB	110-2033
14.5RDJF-53CR/1AA-AD	110-2402	12.5RJC-4R/930T	N/A
14.5RDJF-57R/1092C	110-2402	12.5RJC-4R/1643AA	N/A
14.5RDJF-518CR/1AA-AD	110-2402	12.5RJC-4R/10835AA	110-2033
		12.5RJC-4R31/10006S	110-2033
17.5RDJF-3CR/1AA-AD	110-2402	12.5RJC-4XR/8804AA	N/A
17.5RDJF-3CR/7AA-AC	110-2402	12.5RJC-5DR/19308AB	110-2033
17.5RDJF-3CR/1486C	110-2402		
17.5RDJF-3CR/6485B	N/A	15.0RJC-3CR/1S	110-2033
17.5RDJF-3R/14B	110-2100	15.0RJC-3R/1047S	110-2033
17.5RDJF-3R/14C,AA-AC	110-2402	15.0RJC-3R/12173T	110-2513
17.5RDJF-3R/4400AA-AC	110-2402	15.0RJC-3R/1786AC	110-2033
17.5RDJF-3R/8329C	110-2402	15.0RJC-3R/3083R	110-2033
17.5RDJF-3R/9093B	110-2100	15.0RJC-3R/17087AA	110-2033
17.5RDJF-3R/9413AD	110-2100	15.0RJC-3R/17397AA	N/A
17.5RDJF-3R/10074C	110-2402	15.0RJC-3R/17460AA	110-2033
17.5RDJF-3R/13235C	110-2402	15.0RJC-3R8/1933S	110-2033
17.5RDJF-3R/14183AA,AC	110-2402	15.0RJC-3R8/1643P	N/A
17.5RDJF-3R/15561AB	110-2402	15.0RJC-3R8/4688S	110-2033
17.5RDJF-3R/16716AA-AC	110-2402	15.0RJC-4R/10962S	110-2175
17.5RDJF-3R8/8329B	110-2100	15.0RJC-4R/11685S	N/A
17.0RDJF-4R/14C	110-2402	15.0RJC-4R/12644T	110-2175
17.5RDJF-4R/1675AA-AC	110-2402	15.0RJC-4R/15035AA	N/A
17.5RDJF-4R/9170C	110-2402	15.0RJC-4R/24229AC	110-2033
17.5RDJF-4R/14475AA-AC	110-2402	15.0RJC-4R31/1925E	110-2175
17.5RDJF-4R/17161AA	110-2402	15.0RJC-4R8/7869S	110-2175
17.5RDJF-4R/20735AA-AC	110-2402	15.0RJC-4XR/930S	110-2175
17.5RDJF-4R/20753AB	110-2402	15.0RJC-4XR/2179P	110-2175
17.5RDJF-4XR/9172AA	110-2402	15.0RJC-4XR8/261E	N/A
17.5RDJF-4XR/16911A	110-2100	15.0RJC-5DR/11888S	110-2033
17.5RDJF-5DR/14AA-AC	110-2402	15.0RJC-5DR8/1A	110-2033
17.5RDJF-5DR/1140A	110-2100	15.0RJC-18R/12AA, AC	110-2033
17.5RDJF-5DR/13273AA-AC	110-2402	15.0RJC-18R131/16791AB	110-2210 (10)
17.5RDJF-18R/1AA-AC	110-2402		
17.5RDJF-18R/14AA-AC	110-2402	<u>T260G</u>	
17.5RDJF-18R/7707AC	110-2402	T260G-GA024/3851	110-3421-28
17.5RDJF-18R/1486AA-AC	110-2402	T260G-GA024/3974	110-3421-28
17.5RDJF-18R/15469AA-AC	110-2402	T260G-GA024/3991	110-3421-28
17.5RDJF-18R/17836AA-AC	110-2402	T260G-GA024/4033	110-3421-31 (4)
		T260G-GA024/4039	110-3421-30 (3)
		T260G-GA024/4065	110-3421-31
		T260G-GA024/4148	110-3421-31 (3)
<u>RJC</u>			
12.0RJC-3R8/4238R	N/A		

<u>Model Number</u>	<u>Short Block No.</u>	<u>Model Number</u>	<u>Short Block No.</u>
T260G-GA024/4186	110-3421-28	T260G-GA024/4471	110-3421-26
T260G-GA024/4187	110-3421-31 (2)	T260G-GA024/4472	110-3421-28
T260G-GA024/4228	110-3421-26	T260G-GA024/4473	110-3421-29 (4)
T260G-GA024/4255	110-3421-26	T260G-GA024/4474	110-3421-28
T260G-GA024/4258	110-3421-31 (4)	T260G-GA024/4475	110-3421-28
T260G-GA024/4266	110-3421-28	T260G-GA024/4476	110-3421-26
T260G-GA024/4268	110-3421-26	T260G-GA024/4485	110-3421-28
T260G-GA024/4274	110-3421-26	T260G-GA024/4487	110-3421-31
T260G-GA024/4275	110-3421-26	T260G-GA024/4488	110-3421-31 (3)
T260G-GA024/4281	110-3421-28	T260G-GA024/4489	110-3421-28
T260G-GA024/4285	110-3421-31 (2)	T260G-GA024/4490	110-3421-28
T260G-GA024/4286	110-3421-30 (3)	T260G-GA024/4491	110-3421-31 (3)
T260G-GA024/4288	110-3421-31 (3)	T260G-GA024/4492	110-3421-28
T260G-GA024/4290	110-3421-28		
T260G-GA024/4308	110-3421-28	TGHAA	110-3421-23
T260G-GA024/4330	110-3421-26		
T260G-GA024/4333	110-3421-31 (4)		
T260G-GA024/4337	110-3421-31		
T260G-GA024/4338	110-3421-26		
T260G-GA024/4342	110-3421-26		
T260G-GA024/4345	110-3421-31		
T260G-GA024/4361	110-3421-31		
T260G-GA024/4362	110-3421-26		
T260G-GA024/4371	110-3421-28		
T260G-GA024/4382	110-3421-26		
T260G-GA024/4383	110-3421-28		
T260G-GA024/4394	110-3421-28		
T260G-GA024/4395	110-3421-26		
T260G-GA024/4398	110-3421-31 (3)		
T260G-GA024/4402	110-3421-26		
T260G-GA024/4403	110-3421-26		
T260G-GA024/4404	110-3421-28		
T260G-GA024/4406	110-3421-31 (2)		
T260G-GA024/4408	110-3421-31 (2)		
T260G-GA024/4410	110-3421-26		
T260G-GA024/4414	110-3421-31 (4)		
T260G-GA024/4415	110-3421-32		
T260G-GA024/4419	110-3421-31		
T260G-GA024/4422	110-3421-28		
T260G-GA024/4425	110-3421-26		
T260G-GA024/4437	110-3421-28		
T260G-GA024/4442	110-3421-28		
T260G-GA024/4448	110-3421-28		
T260G-GA024/4450	110-3421-26		
T260G-GA024/4451	110-3421-28		
T260G-GA024/4453	110-3421-29 (4)		
T260G-GA024/4454	110-3421-29 (4)		

Appendix A

Notes:

1. Reference: Service Parts Bulletin No. 66
2. Internally splined crankshaft replaces tapered crankshaft in applications where all power is taken from blower wheel end.
3. Requires 541-0374 SAE "B" hydraulic pump mounting adapter kit.
4. Requires 541-0344 SAE "A" hydraulic pump mounting adapter kit.
5. Reference: Service Parts Bulletin No. 65.
6. Key/keyslot on rear crankshaft PTO stub eliminated by welder manufacturer.
7. Reference: Service Parts Bulletin No. 33.
8. No oil pump.
9. Requires 123-1898 breather kit.
10. Recondition and use gearcase cover assembly from original engine.
11. Might require housing mounted coil.
12. S/N H760159788 or lower: Use 110-3422-11
S/N H760159789 or higher: Use 110-3422-21
13. Contact local Cummins Engine Company distributor or dealer. Replacement engine is not available from Onan Parts and must be ordered through Cummins Parts System.
14. B43M, except Case/Ingersoll: Use 110-3823-01
B48M, except Case/Ingersoll: Use 110-3824-02
Case/Ingersoll B43M/B48M: Use 110-3824-05
Reference: Service Parts Bulletin No. 66
15. For units manufactured after 1993.



Appendix B

SHORT BLOCK HISTORY

Short blocks are designed to allow the latest design to service older engines. The short block you receive may have an updated breather system, piston design, valve train design, etc. which will improve performance and/or reliability.

1986 The BF short blocks (3 1/8" bore) were discontinued from production and replaced with (3 1/4" bore) B43, P216 short blocks. Note: See Service Parts Bulletin Number 33 for complete details.

1987 Short block designs for the B, N, T and P224 engines were updated and consolidated. Standardized short block assemblies include the following features:

- Oil filter machining
- Premium Performer valve train (including stem seals) and piston rings
- No gearcase cover
- Low speed/high torque camshaft
- Valve covers and breather components
- Premium crankshaft thrust washers
- Six-hole rear face of cylinder block (holes plugged)
- Starter mounting bosses on cylinder barrel
- Short block nameplate
- Short block part number stamped on serial number pad

The features which dictate differences between the various short blocks are:

- Engine displacement (43, 48 or 60 CID)
- Crankshaft configuration (PTO end)
- Special bearing plate configuration

Note: See Service Parts Bulletin Number 48 for complete details.

1989 CCK engine short blocks were updated and consolidated similar to above.

1990 Performer short blocks used to service hydraulic applications with SAE type A and B pump adaptors were changed to the standard bearing plate. HYDRAULIC PUMP ADAPTOR KIT FOR TYPE A OR TYPE B MUST BE ORDERED SEPARATELY. Note: See Service Parts Bulletin Number 67 for complete details.

1991 The P engine short blocks were updated with the improved pistons and piston rings. The 110- prefix of the short block part number will not be stamped on the crankcase. (Example: Only 3824-01 of the part number 110-3824-01 will be stamped on the crankcase).



Appendix C

CROSS REFERENCE FOR SHORT BLOCK P/N AND PARTS MANUAL

The following table relates various short block part numbers for: engines serviced, engine specification letter serviced, cubic inch displacement, Parts Manual number, Fiche number, and note to explain the update.

SHORT BLOCK PART NUMBER	ENGINE SERVICED	ENGINE SPEC LETTER	BLOCK CID	PARTS MANUAL NUMBER	FICHE NUMBER	NOTES
110-3419-XX (Obsolete)	B43 P216	A-B	43	965-0263	134	Advanced to 110-3423 to service Spec C engines with top breather
110-3420-XX	B48 P218 P220	A-B	48	965-0263	134	Advanced to 110-3424 to service Spec C engines with top breather
110-3421-XX	N T P224	A-D	60	965-0266	136	Current Update
110-3422-XX	CCK	-	50	-	-	Current standardized update
110-3423-XX (Obsolete)	B43 P216	A-C	43	965-0263	134	Advanced to 110-3823 to service Spec D engines with improved piston rings
110-3424-XX (Obsolete)	B48 P218 P220	A-C	48	965-0263	134	Advanced to 110-3824 to service Spec D engines with improved piston rings
110-3425-XX	P216V	A-D	43	965-0265	137	Current update
110-3426-XX	P218/20V	A-D	48	965-0265	137	Current update
110-3428-XX	E125/40V	A-B	23.7	970-0200	118	Current update
110-3823-XX	B43 P216	A-G	43	965-0263	134	Current update
110-3824-XX	B48 P218 P220	A-G	48	965-0263	134	Current update
110-3855-XX	P224	E-G	60	965-0266	136	Current update