

## PERIODIC MAINTENANCE SCHEDULE

	MDKBH, MDKEJ, MDKBW	MDKB & MDKD MODELS K, L, M, N, P, R, V	MDKB & MDKD MODELS S, T, U	MDDCX ALL MODELS
General Inspection <sup>1</sup>	Every day, 8 Hrs	Every day, 8 Hrs	Every day, 8 Hrs	Every day, 8 Hrs
Check Battery <sup>2</sup>	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs
Check V-Belt Tension <sup>3</sup>	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs
Drain Water from Fuel Filters (Primary or Secondary)	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs
Check Siphon Break	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs	Monthly, 100 Hrs
Change Oil/Oil Filter	First 50 Hrs – Yearly, 200 Hrs	First 50 Hrs – Yearly, 200 Hrs	First 50 Hrs – Yearly, 350 Hrs	First 50 Hrs – Yearly, 350 Hrs
Check Brushes & Slip Rings <sup>4</sup>	Yearly, 200 Hrs	—	—	—
Change Fuel Filter	Yearly, 500 Hrs	Yearly, 500 Hrs	Yearly, 500 Hrs	Yearly, 350 Hrs
Replace Pump Impeller	Yearly, 500 Hrs	Yearly, 500 Hrs	Yearly, 500 Hrs	Yearly, 500 Hrs
Replace Zinc Anode	—	—	—	—
Adjust Valve Lash <sup>1</sup>	800 Hours	800 Hours	1000 Hours	2 Yrs, 2100 Hrs
Change Coolant, Pressure Cap & Thermostat	2 Yrs	2 Yrs	2 Yrs	5 Yrs, 2000 Hrs
Change Generator Bearing(s) & Drive Belt <sup>4</sup>	5 Yrs, 2000 Hrs	5 Yrs, 2000 Hrs	5 Yrs, 2000 Hrs	5 Yrs, 2000 Hrs
Check Air Filter	—	—	—	Yearly, 700 Hrs

1. Includes Oil Level, Coolant Level, Fuel System, Exhaust System, Battery, and Sea Water Strainer Checks  
 2. See battery manufacturer recommendations  
 3. Check for slippage, cracking and wear (pump drive belt only)  
 4. Must be performed by a trained and experienced mechanic (Cummins Onan Distributor or Dealer) in accordance with the engine and generator service manuals

## MAINTENANCE PARTS

	MDKBH	MDKBJ, MDKBW	MDKB & MDKD MODELS K, L, M, N	MDKB & MDKD MODELS P, R, V	MDKB & MDKD MODELS S, T, U	MDKB & MDKD MODELS A, B, C, F, G, K, L, M, N	MDKB & MDKD MODELS D, E, H, J, P, R
Oil Filter	185-7444	185-7444	185-5835	122-0810	122-0906	122-0885	122-0885
Fuel Filter	149-2106	A026K278	149-2106	149-2804	149-2804	149-2722 & 149-2723	149-2724 & 149-2725
Crankcase Breather	—	—	—	185-6721	123-2327	123-2246	123-2246
Pump Impeller	541-1524	08241524	541-1519	541-1521	541-1316	132-0436	132-0436
12V Glow Plugs	185-5421	185-5421	333-0802	185-5990	333-0745	—	—
24V Glow Plugs	—	—	185-7107	185-6725	333-0746	—	—
Zinc Pencil	—	—	130-4434	130-4434	130-4434	130-6228	130-6228
V-Belt	511-0197	511-0206	185-6934	Note 2	511-0237	511-0215	511-0215
Oil Filter Wrench	420-0577	420-0577	—	—	—	—	—
Air Filter	—	—	—	—	—	140-3752	140-3752
Cruise Kit	100-3748-08	A029E631	100-3478-52	Note 3	100-3478-60	—	—

1. Number of glow plugs: 2-MDKBH; 3-MDKBL & MDKBE; 4-MDKBM, MDKEN, MDKGR, MDKBT, MDKBU and MDKBY  
 2. Negative ground (Option #B200 or B201); 511-0201 (MDKBP, MDKBR, and MDKBV); isolated ground systems (Option #B379 or B380); 511-0211  
 3. Negative ground (Option #B200 or B201); 100-3478-54 (MDKBP, MDKBR, MDKBV); isolated ground systems (Option #B379 or B380); 100-3478-55

## ENGINE FLUID CAPACITIES

	MDKBH	MDKBJ, MDKBW	MDKB, MDKD MODELS K, L	MDKB, MDKD MODELS M, N	MDKB & MDKD MODELS P, R, V	MDKB & MDKD MODELS S, T, U	MDKB & MDKD MODELS A, B, C, F, G, K, L, M, N	MDKB & MDKD MODELS D, E, H, J, P, R
Oil	2.1L (2.2 Qt)	3.0L (3.2 Qt)	4.0L (4.2 Qt)	4.3L (4.5 Qt)	7.6L (8 Qt)	10.4L (11 Qt)	12.6L (13.3 Qt)	19.4L (20.5 Qt)
Coolant	2.1L (2.2 Qt)	3.1L (3.3 Qt)	4.0L (4.2 Qt)	5.0L (5.3 Qt)	7.6L (8 Qt)	13.7L (14.5 Qt)	14L (15 Qt)	30L (32 Qt)

Shipped with 15W40 engine oil and 50/50 water/ethylene glycol coolant  
 Contact your Cummins Onan Distributor or Dealer for more information. Cummins Power Generation, 1400 73rd Ave. NE, Minneapolis, MN 55432, USA, Phone 1-763-574-5000, Toll-free 1-800-888-6626, Fax 1-763-574-5298, Email www.cumminsonan.com/contact, www.cumminsonan.com, Cummins, Onan, and the 'C' logo. "Performance you rely on" and Quiet Diesel are trademarks of Cummins Inc. ©2013 Cummins Power Generation. All Rights Reserved.