

DETROIT DIESEL



SERIES 60[®] Service Information

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SUBJECT: SERIES 60 DIESEL VALVE LASH, JAKE BRAKE LASH AND CAMSHAFT TIMING SPECIFICATIONS

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SERIES 60 DIESEL VALVE LASH, JAKE BRAKE LASH AND CAMSHAFT TIMING SPECIFICATIONS

The following specs have been changed in the Series 60 Diesel Valve Lash, Jake Brake Lash and Cam Timing Specs Table 1-50 and 1-51.

- MV_E 12.7 L, 2004-06
- HV_E 14.0 L, 2004-06
- HK62 14.0 L, 2004-06

The following specs have been removed from the Series 60 Diesel Valve Lash, Jake Brake Lash and Cam Timing Specs Table 1-50 and 1-51.

- Marine TK 12.7, Various years
- Marine HK 14.0, Various years

Model	Engine	Year	DDEC	Camshaft Asm P/N	Injector Height	Intake Valve Lash	Exhaust Valve Lash	Jake Brake Model	Jake Brake Lash	Cam Timing Range
PK,TK	12.7 L	1998	IV	23521680 / 681 23524907 / 908	80.3 mm (3.161 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	765A	0.584 mm (0.023 in.)	5.36-6.76 mm (0.211-0.266 in.)
MK,BK	12.7 L	1999	IV	23524291 / 292 23524911 / 912	81.0 mm (3.189 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	770	0.584 mm (0.023 in.)	5.03-6.10 mm (0.198-0.240 in.)
MK ,BK†	12.7 L	2000	IV	23524291 / 292 23524911 / 912	81.0 mm (3.189 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	790	0.660 mm (0.026 in.)	5.03-6.10 mm (0.198-0.240 in.)
MK,BK	12.7 L	2000-02	IV	23528308 / 309	82.1 mm (3.232 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	795	0.813 mm (0.032 in.)	6.527-7.594 mm (0.257-0.299 in.)
MK	12.7 L	2002	IV	23528605 / 606	82.1 mm (3.232 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	797	0.508 mm (0.020 in.)	5.893-6.960 mm (0.232-0.274 in.)
MK_E	12.7 L	2002-03	IV	23531130	82.1 mm (2.232 in.)	0.203 mm (0.008 in.)	0.508 mm (0.020 in.)	797	0.508 mm (0.020 in.)	6.452-7.214 mm (0.254-0.284 in.)
MV_E	12.7 L	2004-06	V	23533694	See Serv. Manual	0.203 mm (0.008 in.)	0.508 mm (0.020 in.)	797	0.508 mm (0.020 in.)	6.655-7.214 mm (0.262-0.284 in.)
DAEWOO TK6K	12.7 L	2000-04	IV	23523982 / 983 23524917 / 918	80.3 mm (3.161 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	797A	0.508 mm (0.020 in.)	5.11-6.17 mm (0.201-0.243 in.)

†MK and BK models with 0712 Valve Mechanism are equipped with a model 770 Jake Brake. Use 770 lash specifications when servicing.

Table 1 Series 60 Diesel Valve Lash, Jake Brake Lash and Camshaft Timing Specifications (Table 1-50)

Model	Engine	Year	DDEC	Camshaft Asm P/N	Injector Height	Intake Valve Lash	Exhaust Valve Lash	Jake Brake Model	Jake Brake Lash	Cam Timing Range
HK	14.0 L	1999	IV	23524291 / 292 23524911 / 912	81.0 mm (3.189 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	770	0.584 mm (0.023 in.)	5.03-6.10 mm (0.198-0.240 in.)
HK	14.0 L	2000	IV	23524291 / 292 23524911 / 912	81.0 mm (3.189 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	790A	0.660 mm (0.026 in.)	5.03-6.10 mm (0.198-0.240 in.)
HK	14.0 L	2000-02	IV	23528308 / 309	82.1 mm (3.232 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	795	0.813 mm (0.032 in.)	6.527-7.594 mm (0.257-0.299 in.)
HK_E	14.0 L	2000-03	IV	23531130	82.1 mm (3.232 in.)	0.203 mm (0.008 in.)	0.508 mm (0.020 in.)	797	0.508 mm (0.020 in.)	6.452-7.214 mm (0.254-0.284 in.)
HV_E	14.0 L	2004-06	V	23533694	See Serv. Manual	0.203 mm (0.008 in.)	0.508 mm (0.020 in.)	797	0.508 mm (0.020 in.)	6.655-7.214 mm (0.262-0.284 in.)
HK62	14.0 L	2000	IV	23524911 / 912	81.0 mm (3.189 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	790C	0.660 mm (0.026 in.)	5.03-6.10 mm (0.198-0.240 in.)
HK62	14.0 L	2000-03	IV	23528308 / 309	82.1 mm (3.232 in.)	0.203 mm (0.008 in.)	0.660 mm (0.026 in.)	795	0.813 mm (0.032 in.)	6.52 - 7.594 mm (0.257-0.299 in.)
HK62	14.0 L	2004-06	IV	23528308 / 309	82.1 mm (3.232 in.)	0.203 mm (0.008 in.)	0.508 mm (0.020 in.)	797A	0.508 mm (0.020 in.)	6.52 - 7.594 mm (0.257-0.299 in.)

Table 2 Series 60 Diesel Valve Lash, Jake Brake Lash and Camshaft Timing Specifications (Table 1-51)

ADDITIONAL SERVICE INFORMATION

Additional service information is available in the Detroit Diesel *Series 60 Service Manual*, DDC-SVC-MAN-0004-1207 (6SE483). The next revision to this manual will include the revised information.

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