

**I.H.C. TRACTOR & POWER UNITS**

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
<b>4 Cyl.</b>			<b>6 Cyl. (Continued)</b>			<b>8 Cyl.</b>		
C60		1	D236 DIESEL		16	V304		27
C113		2	<b>4 Cyl.</b>			<b>6 Cyl.</b>		
C123		3	C248		17	D312 DIESEL		28
C135		4	<b>6 Cyl.</b>			<b>8 Cyl.</b>		
C146		5	C263		18	V345		29
C152		6	BD264 DIESEL		19	<b>6 Cyl.</b>		
C153		7	<b>4 Cyl.</b>			D360 DIESEL		30
C157		8	C264		20	D361,DT361 DIESEL		31
C164		9	C281		21	D407,DT407 DIESEL		32
D166 DIESEL		10	<b>6 Cyl.</b>			D414,DT414 DIESEL		33
C169		11	C282 GAS & LPG		22	D436,DT436 DIESEL		34
C175		12	D282 DIESEL		23	D466,DT466 DIESEL		35
D188 DIESEL		13	C291		24	DT466B,C & DTI466B,C		36
C200		14	C301 GAS & LPG		25	<b>8 Cyl.</b>		
<b>6 Cyl.</b>			D301 DIESEL		26	C605		37
C221		15						

Line No.	Part Title	Part No	Description
<b>1</b>	<b>C60 ENG - 4 Cyl. - 2.625 Bore (CUB,CUB LO-BOY,CUB 185,52R &amp; U1)</b>		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0230</b>	HEAD DIA. 1.094
	Exhaust Valve	<b>V0485</b>	HEAD DIA. .906
	Valve Locks	<b>VL-300</b>	
<b>2</b>	<b>C113 ENG - 4 Cyl. - 3.00 Bore (A,AV,SUPER A,B,BN,C,22,62,U2,U22,U62)</b>		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0313</b>	HEAD DIA. 1.342 AFTER ENG. #255417 (EXC. DO NOT USE W/251173R95 CYL. HEAD)
		<b>V0162</b>	HEAD DIA. 1.342 TO ENG. #255417
		<b>V0504</b>	HEAD DIA. 1.500 FROM ENG. 255418 TO 310299 W/251173R95 CYL. HEAD
	Exhaust Valve	<b>V0312</b>	HEAD DIA. 1.156 AFTER ENG. #255417 (EXC. DO NOT USE W/251173SR95 CYL. HEAD)
	Valve Locks	<b>VL-200</b>	
	Cam Gear	<b>5200</b>	66 TEETH
<b>3</b>	<b>C123 ENG - 4 Cyl. - 3.125 Bore (SUPER C,SUPER R1,SUPER AV1,55,56,57,76,100,100HC,1 140, 161,163,230,240,T4,U123)</b>		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0313</b>	HEAD DIA. 1.342 GAS ENG. MODEL SUPER C, SUPER A1, SUPER AV1, 100, 100HC & 200
		<b>V0504</b>	HEAD DIA. 1.500 GAS ENG. MODEL 55, 57, 76, 130, 130HC, 140, 140HC, 230, 240, T-4, GAS & LPG MODEL U123
	Exhaust Valve	<b>V0312</b>	HEAD DIA. 1.156 GAS ENG. MODEL SUPER C, SUPER A1, SUPER AV1, 100, 100HC & 200
		<b>V0503</b>	HEAD DIA. 1.312 GAS ENG. MODEL 55, 57, 76, 130, 130HC, 140, 140HC, 230, 240, T-4 & U123
	Valve Locks	<b>VL-200</b>	
	Cam Gear	<b>5200</b>	66 TEETH
<b>4</b>	<b>C135 ENG - 4 Cyl. - 3.250 Bore (91,93,201,330,T330,340,404,2404,T5,TC5,T340A,UC135)</b>		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0504</b>	HEAD DIA. 1.500
	Exhaust Valve	<b>V0503</b>	HEAD DIA. 1.312 GAS
	Cam Gear	<b>5200</b>	66 TEETH

**I.H.C. TRACTOR & POWER UNITS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No</b>	<b>Description</b>
<b>5</b>	<b>C146 ENG - 4 Cyl. - 3.375 Bore</b> (424,444,500,504,660,770,780,2424,2500,2504)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0504</b>	HEAD DIA. 1.500
	Exhaust Valve	<b>V0503</b>	HEAD DIA. 1.312 MADE OF HIGH ALLOY STEEL
	Valve Locks	<b>VL-200</b>	
	Cam Gear	<b>5200</b>	66 TEETH
<b>6</b>	<b>C152 ENG - 4 Cyl. - 3 3/8 Bore</b> (FARMALL H,HV,INTERNATIONAL TRACTOR I-4,0-4,0S-4, WHEEL TRACTOR W-4, COMBINE NO. 122, POWER UNIT U-4 STD.COMP,GASOLINE,KEROSENE OR DISTILLATE)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0193</b> <b>V0192</b>	HEAD DIA. 1.500 HIGH COMP. GAS HEAD DIA. 1.500 STD. COMP. GAS OR DISTILLATE
	Exhaust Valve	<b>V0205</b>	HEAD DIA. 1.375 HIGH COMP. GAS
	Valve Locks	<b>VL-200</b>	
<b>7</b>	<b>C153 ENG - 4 Cyl. - 3.375 Bore</b> (93,105,203,210,225,230,275,375,444,504,2424,2444, 2500,2504, 3514,4000)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0504</b>	HEAD DIA. 1.500
	Exhaust Valve	<b>V0503</b>	HEAD DIA. 1.312 MADE OF HIGH ALLOY STEEL
	Valve Locks	<b>VL-200</b>	
	Cam Gear	<b>5200</b>	66 TEETH
<b>8</b>	<b>C157 ENG - 4 Cyl. - 3.375 Bore</b> (454,2400A,2400B,2405B,2410B,2412B,4500A,4500B)		
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0601</b>	HEAD DIA. 1.781
	Exhaust Valve	<b>V1075</b>	HEAD DIA. 1.516
	Valve Locks	<b>VL-300</b>	
<b>9</b>	<b>C164 ENG - 4 Cyl. - 3 9/16 Bore</b> (FARMALL SUPER H,SUPER HV,SUPER W4,POWER UNIT U-164 GASOLINE. STD.COMP.)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0193</b>	HEAD DIA. 1.500
	Exhaust Valve	<b>V0205</b>	HEAD DIA. 1.375
	Valve Locks	<b>VL-200</b>	
<b>10</b>	<b>D166 DIESEL ENG - 4 Cyl. - 3.6875 Bore</b> (330,340,TD340)		
	Oil Pump	<b>M-28FS</b>	INCLUDES SCREEN
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Exhaust Valve	<b>V0592</b>	HEAD DIA. 1.300
	Valve Locks	<b>VL-300</b>	
	Cam Gear	<b>5200</b>	66 TEETH
<b>11</b>	<b>C169 ENG - 4 Cyl. - 3 5/8 Bore</b> (FARMALL 300,300 HI-CLEAR,300 UTILITY,POWER UNIT U-GASOLINE,STD.COMP.)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0601</b>	HEAD DIA. 1.781 STEM DIA. .372"
	Exhaust Valve	<b>V1075</b>	HEAD DIA. 1.516 STEM DIA. .3715"
	Valve Locks	<b>VL-300</b>	
<b>12</b>	<b>C175 ENG - 4 Cyl. - 3.5625 Bore</b> ( 375,454,464, 2400A,2400B,2405B,2410B,2412B,3400A,3514,T7)		
	Oil Pump	<b>M-28GS</b>	INCLUDES SCREEN
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
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Line No.	Part Title	Part No	Description
<b>12</b>	<b>C175 ENG - 4 Cyl. - 3.5625 Bore</b> ( 375,454,464, 2400A,2400B,2405B,2410B,2412B,3400A,3514,T7) (Continued)		
	Intake Valve	V0601	HEAD DIA. 1.781
	Exhaust Valve	V1075	HEAD DIA. 1.516
	Valve Locks	VL-300	
<b>13</b>	<b>D188 DIESEL ENG - 4 Cyl. - 3.6875 Bore</b> (504,2504,3514)		
	Oil Pump	M-28E	
	Pump Kit	K-28E	
	Mell Lube	M-10012	
	Push Rods	MPR-205	
	Intake Valve	V0922	HEAD DIA. 1.679
	Exhaust Valve	V0592	HEAD DIA. 1.300
		V0921	HEAD DIA. 1.375
	Valve Locks	VL-300	
Cam Gear	5200	66 TEETH	
<b>14</b>	<b>C200 ENG - 4 Cyl. - 3.8125 Bore</b> (544,574,674,2500,2500B,2510B,2514B,2544,3500,8000)		
	Oil Pump	M-28GS	INCLUDES SCREEN
	Pump Kit	K-28E	
	Mell Lube	M-10012	
	Push Rods	MPR-205	
	Intake Valve	V0601	HEAD DIA. 1.781
	Exhaust Valve	V1075	HEAD DIA. 1.516
	Valve Locks	VL-300	
<b>15</b>	<b>C221 ENG - 6 Cyl. - 3.5625 Bore</b> (205,315,460,606, 2606,3616)		
	Oil Pump	M-28E	MODEL 205, 315, 460
		M-28FS	INCLUDES SCREEN MODEL 606, 2606, 3616
	Pump Kit	K-28E	
	Mell Lube	M-10012	
	Push Rods	MPR-205	
	Intake Valve	V0600	HEAD DIA. 1.656 USED ONLY W/HEAD ASSY. 308 812 R93
		V0601	HEAD DIA. 1.781 USED ONLY W/HEAD ASSY. 308 665 R96
Exhaust Valve	V1075	HEAD DIA. 1.516	
Valve Locks	VL-300		
<b>16</b>	<b>D236 DIESEL ENG - 6 Cyl. - 3.6875 Bore</b> (315,460,606,2606, 3616,4236)		
	Oil Pump	M-28E	
	Pump Kit	K-28E	
	Mell Lube	M-10012	
	Push Rods	MPR-205	
	Intake Valve	V0922	HEAD DIA. 1.679 MODEL 315, 606, 2606 & 3616
	Exhaust Valve	V0592	HEAD DIA. 1.300 MODEL 460 & UD236
		V0921	HEAD DIA. 1.375 MODEL 315, 606, 2606 & 3616
Valve Locks	VL-300		
<b>17</b>	<b>C248 ENG - 4 Cyl. - 3.875 Bore</b> (M,MV,06,056,T6,W6,IU6,IUD6,U6)		
	Mell Lube	M-10012	
	Intake Valve	V0204	HEAD DIA. 1.812 GAS
	Exhaust Valve	V0203	HEAD DIA. 1.656 GAS
	Valve Locks	VL-200	EXH.
		VL-300	INT.
	Cam Gear	5206	58 TEETH
Crank Gear	5207	29 TEETH	
<b>18</b>	<b>C263 ENG - 6 Cyl. - 3.5625 Bore</b> (560,615,660,656, 706,2656,2706,3600A,3800,3850)		
	Oil Pump <i>Continued on Next Page</i>	M-28E	560, 660 TO SER #32242, 615 ALL U263

**I.H.C. TRACTOR & POWER UNITS (Continued)**

<b>Line No.</b>	<b>Part Title</b>	<b>Part No</b>	<b>Description</b>
<b>18</b>	<b>C263 ENG - 6 Cyl. - 3.5625 Bore</b> (560,615,660,656, 706,2656,2706,3600A,3800,3850) (Continued)		
	Oil Pump	<b>M-28FS</b>	INCLUDES SCREEN 560, 660, AFTER SER #32242, ALL 656, 706, 2656, 2706, 3600A, 3800, 3850
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0600</b> <b>V0601</b>	HEAD DIA. 1.656 HEAD DIA. 1.781
	Exhaust Valve	<b>V1075</b>	HEAD DIA. 1.516
	Valve Locks	<b>VL-300</b>	
<b>19</b>	<b>BD264 DIESEL ENG - 6 Cyl. - 3 11/16 Bore</b>		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0601</b>	HEAD DIA. 1.781
	Exhaust Valve	<b>V0951</b>	HEAD DIA. 1.516
	Valve Locks	<b>VL-200</b> <b>VL-300</b>	EXH. INT.
<b>20</b>	<b>C264 ENG - 4 Cyl. - 4.000 Bore</b> (SUPER M,MTA,MV,W6,400,W400,T6,T6-61,U264)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0204</b>	HEAD DIA. 1.812 GAS SUPER M, MV, W6 & U264
	Exhaust Valve	<b>V0203</b>	HEAD DIA. 1.656 GAS SUPER M, MV, W6 & U264
	Valve Locks	<b>VL-300</b>	
	Cam Gear	<b>5206</b>	58 TEETH
	Crank Gear	<b>5207</b>	29 TEETH
<b>21</b>	<b>C281 ENG - 4 Cyl. - 4.125 Bore</b> (450,F450,F450HC,W450,T6)		
	Mell Lube	<b>M-10012</b>	
	Valve Locks	<b>VL-300</b>	
	Cam Gear	<b>5206</b>	58 TEETH
	Crank Gear	<b>5207</b>	29 TEETH
<b>22</b>	<b>C282 GAS &amp; LPG ENG - 6 Cyl. - 3.6875 Bore</b> (403,503)		
	Oil Pump	<b>M-28E</b>	
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0600</b> <b>V0601</b>	HEAD DIA. 1.656 403 TO 7087 & 503 TO 2133 HEAD DIA. 1.781 403 AFTER 7087 & 503 AFTER 2133
	Exhaust Valve	<b>V1075</b>	HEAD DIA. 1.516
	Valve Locks	<b>VL-300</b>	
<b>23</b>	<b>D282 DIESEL ENG - 6 Cyl. - 3.6875 Bore</b> (214,220,403,414,422,560,656,660,706,2656,2706,TD6, 7D9,62 SERIES,H-50A,H-50B,H-50C,UD282)		
	Oil Pump	<b>M-28E</b> <b>M-28FS</b>	ALL MODELS INCLUDING 560, 660 TO ENG. #42217 & 706 W/ENG. #51721 AND UP INCLUDES SCREEN 560, 660 FROM ENG. #42218 & 706 W/ENG. #51721 AND BELOW
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0922</b>	HEAD DIA. 1.679 MODEL 403, 416, 422, 615, 656, 3850 ALL & MODELS H-50A, H-50B, H-50C, UD282 TO ENG. 3623 & MODELS 560, 660, TD6, TD9-62 SERIES ENG. 40699 UP
	Exhaust Valve	<b>V0592</b> <b>V0921</b>	HEAD DIA. 1.300 HEAD DIA. 1.375
	Valve Locks	<b>VL-300</b>	

**I.H.C. TRACTOR & POWER UNITS (Continued)**

Line No.	Part Title	Part No	Description
<b>24</b>	<b>C291 ENG - 6 Cyl. - 3.750 Bore</b> (616,622,666,686,706,756,766,2706,2756, HYDRO 70, HYDRO 86)		
	Oil Pump	<b>M-28FS</b>	INCLUDES SCREEN
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0601</b>	HEAD DIA. 1.781
	Exhaust Valve	<b>V1075</b>	HEAD DIA. 1.516
	Valve Locks	<b>VL-300</b>	
<b>25</b>	<b>C301 GAS &amp; LPG ENG - 6 Cyl. - 3.8125 Bore</b> (453,616,622,715,806, 826,856,2806,2826,2856,9000, H-50B,H-50C,H-60B)		
	Oil Pump	<b>M-28E</b> <b>M-28FS</b>	453 & 715 MODELS ONLY INCLUDES SCREEN EXC. 453 & 715 MODELS
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0601</b>	HEAD DIA. 1.781
	Exhaust Valve	<b>V1075</b>	HEAD DIA. 1.516 EXC. LPG 806 & 2806 TRACTORS ONLY
	Valve Locks	<b>VL-300</b>	
<b>26</b>	<b>D301 DIESEL ENG - 6 Cyl. - 3.8125 Bore</b> (403,453,503,715 W/CHASSIS # 230004 & BELOW,H-60B)		
	Oil Pump	<b>M-28E</b>	
	Pump Kit	<b>K-28E</b>	
	Mell Lube	<b>M-10012</b>	
	Push Rods	<b>MPR-205</b>	
	Intake Valve	<b>V0922</b>	HEAD DIA. 1.679
	Exhaust Valve	<b>V0921</b>	HEAD DIA. 1.375
	Valve Locks	<b>VL-300</b>	
<b>27</b>	<b>V304 ENG - 8 Cyl. - 3 7/8 Bore</b> (815)		
	Oil Pump	<b>M-71</b>	
	Pump Kit	<b>K-71E</b>	
	Camshaft	<b>SIH-1</b>	HYD.
	Camshaft Lifter Kit	<b>CL-SIH-1</b>	KIT INCLUDES 1-[SIH-1] CAM, 16-[JB-945] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-945</b>	HYD.
	Push Rods	<b>MPR-202</b>	USED W/CAST TYPE ROCKER ARMS
	Intake Valve	<b>V0560</b>	HEAD DIA. 1.969
	Exhaust Valve	<b>V0559</b>	HEAD DIA. 1.609
	Valve Springs	<b>VS-960</b>	
	Valve Locks	<b>VL-300</b>	
	Gear Set	<b>3336S</b>	REPLACE AS A SET ONLY
<b>28</b>	<b>D312 DIESEL ENG - 6 Cyl. - 3 7/8 Bore</b> (70,666,UD312)		
	Mell Lube	<b>M-10012</b>	
	Valve Locks	<b>VL-300</b>	
<b>29</b>	<b>V345 ENG - 8 Cyl. - 3 7/8 Bore</b> (815,915)		
	Oil Pump	<b>M-71</b>	
	Pump Kit	<b>K-71E</b>	
	Camshaft	<b>SIH-1</b>	HYD.
	Camshaft Lifter Kit	<b>CL-SIH-1</b>	KIT INCLUDES 1-[SIH-1] CAM, 16-[JB-945] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-945</b>	HYD.
	Push Rods	<b>MPR-201</b> <b>MPR-200</b>	USED W/CAST TYPE ROCKER ARMS USED W/STAMPED TYPE ROCKER ARMS
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Line No.	Part Title	Part No	Description
<b>29</b>	<b>V345 ENG - 8 Cyl. - 3 7/8 Bore (815,915) (Continued)</b>		
	Intake Valve	<b>V0560</b>	HEAD DIA. 1.969
	Exhaust Valve	<b>V0559</b>	HEAD DIA. 1.609
	Valve Springs	<b>VS-960</b>	
	Valve Locks	<b>VL-300</b>	
	Gear Set	<b>3336S</b>	REPLACE AS A SET ONLY
<b>30</b>	<b>D360 DIESEL ENG - 6 Cyl. - 3.875 Bore (453,766,866,UD360)</b>		
	Mell Lube	<b>M-10012</b>	
	Valve Locks	<b>VL-300</b>	
<b>31</b>	<b>D361,DT361 DIESEL ENG - 6 Cyl. - 4.125 Bore (806,1206,H-65C)</b>		
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-871</b>	MECH.
<b>32</b>	<b>D407,DT407 DIESEL ENG - 6 Cyl. - 4.321 Bore (815,856,915,1026,1056, 1256,1456,2856,21026, 21256,21456,5-11A,UD407,UDT40)</b>		
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-871</b>	MECH.
<b>33</b>	<b>D414,DT414 DIESEL ENG - 6 Cyl. - 4.300 Bore (815,915,966,1066, E200,H-65C,UD414)</b>		
	Mell Lube	<b>M-10012</b>	
	Exhaust Valve	<b>V1422</b>	HEAD DIA. 1.600
	Valve Locks	<b>VL-300</b>	
<b>34</b>	<b>D436,DT436 DIESEL ENG - 6 Cyl. - 4.300 Bore (1460,1466,1480,1486,1566,1586,3388,4166,4186,5038, 6388,HYDRO 100)</b>		
	Mell Lube	<b>M-10012</b>	
	Exhaust Valve	<b>V1422</b>	HEAD DIA. 1.600
	Valve Locks	<b>VL-300</b>	
<b>35</b>	<b>D466,DT466 DIESEL ENG - 6 Cyl. - 4.300 Bore (175C,412,4366,H-80B,TC-15C,UD466)</b>		
	Mell Lube	<b>M-10012</b>	
	Exhaust Valve	<b>V1422</b>	HEAD DIA. 1.600
	Valve Locks	<b>VL-300</b>	
<b>36</b>	<b>DT466B,C &amp; DTI466B,C ENG - 6 Cyl. - 4.300 Bore (1470,1480,3588,3788,4386,5288,5488,6788)</b>		
	Mell Lube	<b>M-10012</b>	
	Valve Locks	<b>VL-300</b>	
<b>37</b>	<b>C605 ENG - 8 Cyl. - 4.625 Bore</b>		
	Camshaft	<b>MC1283</b>	HYD.
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V1507</b>	HEAD DIA. 2.157
	Exhaust Valve	<b>V1506</b>	HEAD DIA. 1.805