

ENGINE MODEL =>	D650-D750	DH850,D850-D950	Z600	ZL600	D1105,V1105-V1505	V1100-V1200	D1403-D1703
* Head Bolts & Nuts	29-32 ft/lbs	48-51 ft/lbs	43-47 ft/lbs	43-47 ft/lbs	47-50 ft/lbs	48-51 ft/lbs	69-72 ft/lbs
* Main Bearing	15-17 ft/lbs	15-17 ft/lbs	22-25 ft/lbs	22-25 ft/lbs	22-25 ft/lbs	15-17 ft/lbs	34-37 ft/lbs
* Main Bearing Case Bolts	22-25 ft/lbs	22-25 ft/lbs	22-25 ft/lbs	36-40 ft/lbs	36-40 ft/lbs	22-25 ft/lbs	51-54 ft/lbs
* Flywheel Bolts	36-40 ft/lbs	40-43 ft/lbs	40-43 ft/lbs	36-40 ft/lbs	40-42 ft/lbs	40-43 ft/lbs	72-79 ft/lbs
* Con Rod Bolts (Big Ends)	20-22 ft/lbs	20-22 ft/lbs	19-22 ft/lbs	22-25 ft/lbs	31-34 ft/lbs	20-22 ft/lbs	
* Rocker Arm Bracket Studs	13-15 ft/lbs	13-15 ft/lbs	13-15 ft/lbs	13-15 ft/lbs	16-19 ft/lbs	13-15 ft/lbs	18-20 ft/lbs
Glow Plugs	15-18 ft/lbs	15-18 ft/lbs	15-18 ft/lbs	15-18 ft/lbs	15-18 ft/lbs	15-18 ft/lbs	15-18 ft/lbs
Drain Plugs	29-36 ft/lbs	29-36 ft/lbs	29-36 ft/lbs	29-36 ft/lbs	29-36 ft/lbs	29-36 ft/lbs	29-36 ft/lbs
Nozzle Holders	22-36 ft/lbs	22-36 ft/lbs	22-36 ft/lbs	22-36 ft/lbs	37-50 ft/lbs	22-36 ft/lbs	36-50 ft/lbs
* Crankshaft Nut	101-116 ft/lbs	101-116 ft/lbs	101-116 ft/lbs	101-116 ft/lbs	101-116 ft/lbs	102-115 ft/lbs	105-115 ft/lbs
Valve Clearance (Tappets)	6-7 thou	6-7 thou	6-7 thou	8-9 thou	6-7 thou	6-7 thou	7-8 thou
Piston Ring Gap	9-15 thou	9-15 thou	9-16 thou	9-16 thou	11-17 thou	10-16 thou	11-17 thou
Cylinders	3	3	2	2	3,4	4	3,4,5

ENGINE MODEL =>	Z482	D662	D722	ZB600	D1102,1302,1402 V1502,1702,1902	S2600 S2800
* Head Bolts & Nuts	27-31 ft/lbs	27-31 ft/lbs	27-31 ft/lbs	42-45 ft/lbs	54-58 ft/lbs	58-61 ft/lbs
* Main Bearing	10-12 ft/lbs	10-12 ft/lbs	10-12 ft/lbs	14-18 ft/lbs	21-25 ft/lbs	21-25 ft/lbs
* Main Bearing Case Bolts	20-22 ft/lbs	20-22 ft/lbs	20-22 ft/lbs	22-25 ft/lbs	47-50 ft/lbs	47-50 ft/lbs
* Flywheel Bolts	40-43 ft/lbs	40-43 ft/lbs	40-43 ft/lbs	217-253 ft/lbs (nuts)	72-8 ft/lbs	72-80 ft/lbs
* Con Rod Bolts (Big Ends)	20-22 ft/lbs	20-22 ft/lbs	20-22 ft/lbs	20-22 ft/lbs	27-30 ft/lbs	27-30 ft/lbs

<b>* Rocker Arm Bracket Studs</b>	7-8 ft/lbs	7-8 ft/lbs	7-8 ft/lbs	12-15 ft/lbs		17-20 ft/lbs
<b>Glow Plugs</b>	6-11 ft/lbs	6-11 ft/lbs	6-11 ft/lbs	14-18 ft/lbs		15-18 ft/lbs
<b>Drain Plugs</b>				32-40 ft/lbs		32-36 ft/lbs
<b>Nozzle Holders</b>	36-50 ft/lbs	36-50 ft/lbs	36-50 ft/lbs	21-36 ft/lbs	21-36 ft/lbs	22-36 ft/lbs
<b>* Crankshaft Nut</b>	72-79 ft/lbs	72-79 ft/lbs	72-79 ft/lbs	101-115 ft/lbs		114-159 ft/lbs
<b>Valve Clearance ( Tappets )</b>	6-7 thou	6-7 thou	6-7 thou	6-7 thou	7-8 thou	7-9 thou
<b>Piston Ring Gap</b>	6-12 thou	6-12 thou	6-12 thou	9-16 thou	11-17 thou	10-16 thou
<b>Cylinders</b>	2	3	3	2	3,4	6

\* Oil Lightly Before Tightening