

D-Motor International bvba

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Service Bulletin NO. 2019-020

SUBJECT : Bolts / Washers Cylinder heads – Engine Cases – Backplates (Torque values)**MODELS AFFECTED** : All models (LF26 (EVO1), LF26**TIME OF COMPLIANCE** : New engine / change Cylinder HEAD / Backplate repairs**AFFECTED SERIAL NUMBER(S)** : All engines

A properly tightened **bolt** is one that is stretched such that it acts like a very ridged spring pulling mating surfaces together. The rotation of a **bolt (torque)** at some point causes it to stretch (tension). Several factors affect how much tension occurs when a given amount of tightening **torque** is applied.

Please use the indicated values D-Motor advises below ! (Always use correct grades !)

ENGINE CASINGS (LF26/LF39)

M12 x 1.5 Bolts	110 Nm
M8 (8.8)	020 Nm
M8 (12.9)	034 Nm
M6 (8.8)	009 Nm

PROPELLOR FLANGE (LF26/LF39)

Flange central bolt	240 Nm
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BACKPLATES (LF26/LF39)

Backplate Bolts	014 Nm
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CYLINDER HEAD (LF26/LF39)

Cylinder Head bolts 012 Nm

CAUTION : Do not use Flat Washers ! D-Motor uses curbed washers (mount with curb faced to head of bolt). Washer order : P/N 107505

Torque Conversion Chart Newton Meters to Inch Pounds

Newton Meters (N-m)	Inch Pounds (in-lbs)	Newton Meters (N-m)	Inch Pounds (in-lbs)	Newton Meters (N-m)	Inch Pounds (in-lbs)	Newton Meters (N-m)	Inch Pounds (in-lbs)	Newton Meters (N-m)	Inch Pounds (in-lbs)
1 =	8.85	32 =	283.22	63 =	557.6	94 =	831.97	125 =	1106.34
2 =	17.7	33 =	292.07	64 =	566.45	95 =	840.82	126 =	1115.19
3 =	26.55	34 =	300.93	65 =	575.3	96 =	849.67	127 =	1124.04
4 =	35.4	35 =	309.78	66 =	584.15	97 =	858.52	128 =	1132.9
5 =	44.25	36 =	318.63	67 =	593	98 =	867.37	129 =	1141.75
6 =	53.1	37 =	327.48	68 =	601.85	99 =	876.22	130 =	1150.6
7 =	61.96	38 =	336.33	69 =	610.7	100 =	885.07	131 =	1159.45
8 =	70.81	39 =	345.18	70 =	619.55	101 =	893.93	132 =	1168.3
9 =	79.66	40 =	354.03	71 =	628.4	102 =	902.78	133 =	1177.15
10 =	88.51	41 =	362.88	72 =	637.25	103 =	911.63	134 =	1186
11 =	97.36	42 =	371.73	73 =	646.1	104 =	920.48	135 =	1194.85
12 =	106.21	43 =	380.58	74 =	654.96	105 =	929.33	136 =	1203.7
13 =	115.06	44 =	389.43	75 =	663.81	106 =	938.18	137 =	1212.55
14 =	123.91	45 =	398.28	76 =	672.66	107 =	947.03	138 =	1221.4
15 =	132.76	46 =	407.13	77 =	681.51	108 =	955.88	139 =	1230.25
16 =	141.61	47 =	415.99	78 =	690.36	109 =	964.73	140 =	1239.1
17 =	150.46	48 =	424.84	79 =	699.21	110 =	973.58	141 =	1247.96
18 =	159.31	49 =	433.69	80 =	708.06	111 =	982.43	142 =	1256.81
19 =	168.16	50 =	442.54	81 =	716.91	112 =	991.28	143 =	1265.66
20 =	177.01	51 =	451.39	82 =	725.76	113 =	1000.13	144 =	1274.51
21 =	185.87	52 =	460.24	83 =	734.61	114 =	1008.99	145 =	1283.36
22 =	194.72	53 =	469.09	84 =	743.46	115 =	1017.84	146 =	1292.21
23 =	203.57	54 =	477.94	85 =	752.31	116 =	1026.69	147 =	1301.06
24 =	212.42	55 =	486.79	86 =	761.16	117 =	1035.54	148 =	1309.91
25 =	221.27	56 =	495.64	87 =	770.01	118 =	1044.39	149 =	1318.76
26 =	230.12	57 =	504.49	88 =	778.87	119 =	1053.24	150 =	1327.61
27 =	238.97	58 =	513.34	89 =	787.72	120 =	1062.09	151 =	1336.46
28 =	247.82	59 =	522.19	90 =	796.57	121 =	1070.94	152 =	1345.31
29 =	256.67	60 =	531.04	91 =	805.42	122 =	1079.79	153 =	1354.16
30 =	265.52	61 =	539.9	92 =	814.27	123 =	1088.64	154 =	1363.01
31 =	274.37	62 =	548.75	93 =	823.12	124 =	1097.49	155 =	1371.87

Conversion Formula: Newton Meters x 8.85074579 = Inch Pounds

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