

Flywheel Manual

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Compiled & Edited
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AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
ACURA			4 Cylinders				
1.6	97	D16A1	INTEGRA	86-89	87 FT/LBS	.030 OR .060-.070	
1.7	104	B17A1	INTEGRA	92-93	55 FT/LBS FLEX, 76 FT/LBS FLY	.112" STEP	
1.8	110	B18B1	INTEGRA	94-01	77# FLY (M/T)*, 55# FLEX (A/T)	STEP +.112"	
1.8	110	B18C1	INTEGRA	94-00	FLY:77# M/T *, FLEX:55# A/T *	+.112" STEP	
1.8	110	B18C5	INTEGRA	97-03	76# (M/T), 55# (A/T) TIGHTEN IN CRISSCROSS PATTERN	.112" STEP	
1.8	112	B18A1	INTEGRA	90-94	76 FT/LBS FLY, 55 FT/LBS FLEX	.112" STEP	
2.0	122		RSX	02-03	5 SPEED 79 FT/LBS, 6 SPEED 90 FT/LBS	.045" STEP	
ACURA			5 Cylinders				
2.5	149	G25A4	No Model	95-98	77 FT/LBS CRISSCROSS PATTERN		
2.5	150	G25A1	VIGOR	92-94	77 FT/LBS	.202" CUP	
ACURA			6 Cylinders				
2.5	151	C25A1	LEGEND	86-87	76 FT/LBS	.067 CUP	
2.7	163	C27A1	LEGEND	87-90	76 FT/LBS	.060-.070 CUP	V3 25
3.2	193	V	SLX	96-98	40 FT/LBS		
3.2	193	W	SLX	96-99	40 FT/LBS		
3.2	196	C32A1	LEGEND	91-96	76 FT/LBS	.067 CUP	
3.2	196	C32A6	No Model	96-99	55# FLEX (A/T)*, 77# FLY (M/T)*		
3.5	211	C35A1	No Model	96-98	54# FLEX CRISSCROSS PATTERN		
3.5	214	X	SLX	98-01	40 FT/LBS		
ALFA ROMEO			4 Cylinders				
1.6	96		No Model	62-81	57-61 FT/LBS		
1.8	110		No Model	69-71	82 FT/LBS --->	* .878" CUP	
2.0	119	116	SPIDER	85-88	82 FT/LBS ----->	* .878 CUP	
2.0	120		SPIDER		89-110 FT/LBS		
ALFA ROMEO			6 Cylinders				
2.5	152	119	MILANO	81-89	82 FT/LBS	* .878 CUP	
3.0	181	164	MILANO	88-89	82 FT/LBS	* .878 CUP	
ALLIS CHALMERS			2 Cylinders				
1.3	77	S126	5020		60-66 FT/LBS		
1.5	90	S148	5030		60-66 FT/LBS		
ALLIS CHALMERS			3 Cylinders				
1.0	61		CS100	75-82	32-36 FT/LBS		
2.3	142		6140		32-36 FT/LBS		
2.3	143		5040		75-85 FT/LBS		

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
ALLIS CHALMERS			3 Cylinders				
2.3	143		D15	82-85		FLAT	
2.5	152	D	160		75 FT/LBS		
2.6	158		5045		75-85 FT/LBS		
ALLIS CHALMERS			4 Cylinders				
2.4	149		D14		75 FT/LBS		
2.4	149	D15	D15		75 FT/LBS		
2.6	160		G1600		75 FT/LBS		
2.9	175	D	D15		95-105 FT/LBS	1.437 CUP	249869 249870-2
3.2	200		No Model			1.437	
3.3	200		443		135 FT/LBS		
3.3	200	D	6060		FLY 135 FT/LBS	MODEL 6060 & 6070 STEP=.080 *	
3.3	201	WD	WD			STEP 1.188	
3.6	220		D346		65-69 FT/LBS		
3.6	220		D346T		65-69 FT/LBS		
3.7	226		170 & 175		75 FT/LBS		
3.7	226	G	D17	54-57	75 FT/LBS	1.437 CUP	
3.7	226	W	WD45			1.188 CUP	D16H
3.9	236		170 & 175		75 FT/LBS		
ALLIS CHALMERS			6 Cylinders				
3.8	230	W	WD45		95-105 FT/LBS		
4.3	262		D19		95-105 FT/LBS	1.437 CUP	
4.3	262	D	D17		95-105 FT/LBS	1.4375 CUP	4511704 AM4458
4.3	262	G	D19		95-105 FT/LBS	1.432-1.442" CUP DIMENSION	
4.3	265	G	2500		68-73 FT/LBS		
4.9	301	D	180		FLY 68-73 FT/LBS	1.4375 CUP	4020291
4.9	301	D	200		68-73 FT/LBS	1.4375 CUP	4020291
4.9	301	D	7010		135 FT/LBS		
4.9	301	G	190XT		68-73 FT/LBS		
7.0	426		3400	70-85	95-105 FT/LBS	1.437 OR .178 CUP	4028150 4035711 4035834
7.0	426	D	3400	70-85	135 FT/LBS	1.437 OR .178 CUP	4028150 4035711 4035834
7.0	426	D-21	D21	70-70	95-105 FT/LBS	1.437 OR .178 CUP	4025093-6 4028150 4035711 4035834
7.0	426	I	8030		135 FT/LBS		
8.5	516		11000			HD11 DRY = 1.620", HD11 OIL = 3.163", M-100 = 1.963"	
8.5	516		745HB		135 FT/LBS		
12.0	731		6120T		200 FT/LBS		
13.1	799		19000		200 FT/LBS		
13.8	844		16000T		200 FT/LBS		
13.8	844		21000		200 FT/LBS		
13.8	844		25000		200 FT/LBS		
13.8	844		6138T		200 FT/LBS		

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
AUDI				4 Cylinders			
1.5	90	XV	No Model	73-74		FLAT	
1.6	97	CR	No Model	82-83	55 FT/LBS	* .003-.005 STEP	
1.6	97	YG	No Model	75-80		.003-.005 STEP	
1.7	105		No Model	81-83	54 FT/LBS	FLAT	
1.8	109	AEB	No Model	96-03	A/T DRIVEPLATE 44# +90°, M/T DUAL-MASS FLY 44# +180°		
1.8	109	JN	4000 SERIES	84	**SEE COMMENTS	FLAT	
1.8	109	MG	No Model	85-87	56 FT/LBS, W/SHOULDER 74 FT/LB	* FLAT	
1.8	112		No Model	84-87		FLAT	
1.8	112	DOHC	No Model	86-88	74 FT/LBS		027105273
1.9	114	ZJ	No Model	74-77		.011" STEP	
1.9	114	ZL	No Model	73		.011" STEP	
2.0	121	3A	80 SERIES	88-90	74 FT/LBS	*	
2.0	121	A/J	No Model	77-79	65 FT/LBS		
AUDI				5 Cylinders			
2.0	121	D	5000 SERIES	80-83	54 FT/LBS	* .970 CUP	
2.0	121	DE	No Model	82-85	54 FT/LBS	* .970" CUP	
2.1	131	KH	5000 SERIES	84-86		.982 CUP	035105271S
2.1	131	WD	5000 SERIES	78-83	72# SHOULDER,54# NON/SOULDER	*	
2.2	136	3B	No Model	91-92	22 FT/LBS, + 90°		
2.2	136	KX	5000 SERIES	83-87	**SEE COMMENTS	.970 CUP	
2.2	136	KZ	5000 SERIES	85-86	55#, W/SOULDER 74# - USE NEW		035105271R
2.2	136	MC	5000 SERIES	86-91	55#, W SHOULDER 74# - USE NEW	* .982 CUP	
2.3	141	7A	COUPE	89-91	55 FT/LBS,W/SHOULD ER 74 FT/LBS	* .970 CUP	
2.3	141	NF	QUATTRO	87-91	55#, W/SOULDER 74# - USE NEW	* .970" CUP	
2.3	141	NG	COUPE	87-92	55#, W/SOULDER 74# - USE NEW	* .970 CUP	
AUDI				6 Cylinders			
2.7	163	APB	S4	00-02	30 FT/LBS, +180r (A/T +90r)		
2.8	169	AAH	No Model	92-94	74 FT/LBS		
2.8	169	AHA	QUATTRO	98-01	30 FT/LBS, +180° (A/T +90r)	NOT SUPPLIED BY OEM	
2.8	170	AFC	90 SERIES	95	44 FT/LBS, +90° FLEX (A/T) *		
2.8	170	AFC*	CABRIOLET	96-98	FLEX: 44#, +90° (A/T) USE NEW*		
AUSTIN				4 Cylinders			
0.9	58		SPRITE	56-65	40 FT/LBS		
0.9	58	C	No Model	52-62	40 FT/LBS		
BEDFORD				4 Cylinders			

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
BEDFORD					4 Cylinders		
3.6	220		220		65-70 FT/LBS, FLY HOUSING 50#		
BEDFORD					6 Cylinders		
5.4	330		330		65-70 FT/LBS, FLY HOUSING 50#		
BMW					4 Cylinders		
1.8	108	M10B	318I	84-85	72-83 FT/LBS	* .011" STEP	
1.8	108	M10B	320I	80-83	72-83 FT/LBS	* .011" STEP	
1.8	110		318I	91-95	83-96 FT/LBS		
1.8	110	M42	318I	93-95	83-96 FT/LBS		
1.9	116	M44	Z3	92-98	M/T=77# (USE NEW), A/T=88# (USE NEW)		
2.0	121	M10	2002	73-76		.011" STEP (.279 MM)	
2.0	121	M10	320I	77-79	72-83 FT/LBS	.013-.015" STEP (.330-.381 MM)	
2.3	140	S14	M3	88-91	71-81 FT/LBS **NEW BOLTS**		
BMW					6 Cylinders		
2.4	149	M21D	524	85-86	71-81 FT/LBS	* .011" STEP THRU DEC 1985	
2.5	152		325I	87-90	71-80 FT/LBS	* .011" STEP (.279 MM)	
2.5	152	M50	325I	91-95	83-96 FT/LBS	* .011" STEP (.279 MM)	
2.7	164		325E	82-89	71-80 FT/LBS	* 528E MIN THICKNESS .984, .011" STEP	
2.8	170	M30	528I	79-81		.011" STEP (.279 MM)	
2.8	170	M52	328I	97-00	83-96 FT/LBS	*	
3.0	182	M30	530I	75-78	72-83 FT/LBS	.011" STEP (.279 MM)	
3.0	182	M30	530I	77-78		.011" STEP (.279 MM)	
3.2	195	S52	328I	97-02	83-96 FT/LBS	*	
3.2	196	M30B	No Model	81-84	72-83 FT/LBS	* .011" STEP (.279 MM)	
3.4	209	M30B	535I	87-93	83-96 FT/LBS	*	
3.4	209	M30B	735I	85-88	75-83 FT/LBS	*	
3.5	211	S38Z	535I	87-88	75-83 FT/LBS	*	
3.5	211	S38Z	No Model	89-91	75-83 FT/LBS	*	
BMW					8 Cylinders		
3.0	183	M60	530I	94-95	78 FT/LBS	1.148" (29.159 MM) REPORTED MEMBER #2649 03-08-04 MC	
4.0	242	M60	540I	94-95	78 FT/LBS		
4.4	268	M62	540I	97-99	78 FT/LBS		
BMW					12 Cylinders		
5.0	304	M70	750	88-92	74 FT/LBS MUST USE NEW BOLTS		
CASE					3 Cylinders		
0.9	52		235		83-90 FT/LBS		
1.0	60		245		83-90 FT/LBS		
1.1	65		255		83-90 FT/LBS		

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CASE				3 Cylinders			
1.3	79		265		83-90 FT/LBS		
1.5	91		275		83-90 FT/LBS		
2.3	137		AD3/30		50 FT/LBS		
2.4	146		3800		50 FT/LBS		
2.4	146		770		50 FT/LBS		
2.5	154		880		50 FT/LBS		
2.7	164		4600		50 FT/LBS		
2.7	164		880		50 FT/LBS		
2.7	164		885		50 FT/LBS		
CASE				4 Cylinders			
1.8	110		No Model		40 FT/LBS		
2.0	124		VA & VAC			1.188" Cup Dimension	
2.0	124		VA & VAE			1.188" Cup Dimension	
2.6	159	G	530			FLAT	
3.0	185		990		50 FT/LBS		
3.1	186		990		50 FT/LBS		
3.1	188	D	430		70 FT/LBS		
3.4	207	DT	450B		70 FT/LBS		
3.6	219		1200		50 FT/LBS		
3.6	219	D	995		50 FT/LBS		
3.6	219	D(1)	1490		50 FT/LBS		
4.1	251		730			1.406 CUP	
4.4	267	D	730 SERIES			1.406" CUP DIMENSINO	
4.7	284		830			1.406 CUP	
5.5	336	D	336		180-190 FT/LBS	*	
CASE				6 Cylinders			
5.4	329	D	1690		80 FT/LBS		
5.4	329	D(2)	1594		80 FT/LBS		
5.9	359	B	2096	85-93	97-106 FT/LBS	1.130 NEW, 1.260 MIN	3921263
6.2	377		500		95-105 FT/LBS		
6.2	377	DIESL	900		95-105 FT/LBS		
6.2	377	GAS	600 & 900		95-105 FT/LBS		
6.2	377	TURBO	600 & 900		95-105 FT/LBS		
6.6	401	D	930			1.755 CUP	
7.4	451	D	1070		180-190 FT/LBS - USE SEALER->	* 1.755" CUP	
7.4	451	DIESL	1030		180-190 FT/LBS - USE SEALER->	*	
8.3	504	BDT	1370		180-190 FT/LBS	*	
8.3	504	BDT(2)	2290		180-190#,W/HARDN D WSHR 230-250	*	
8.3	504	D	2090		180-190#,W/HARDN D WSHR 230-250	*	
8.3	505		7110		101 FT/LBS		
8.3	505	C	6T830	85-98	101 FT/LBS		
CATERPILLAR				2 Cylinders			
1.4	83	1*	D7		27-37 FT/LBS		
CATERPILLAR				4 Cylinders			
2.0	120		VC60		50 FT/LBS	1.0300" (26.162 MM)	

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CATERPILLAR				4 Cylinders			
2.5	153		XD3P		V25D-VC40D: 90-95 FT/LBS **		
2.7	163		1404		75-85 FT/LBS, 40-45 FT/LBS HOUSING		
3.9	236		T60		80 FT/LBS,30-35 FT/LBS HOUSING		
4.1	251	1	922		60-70 FT/LBS, HOUSING 60-70#		
4.1	252		D311		150 FT/LBS		
4.3	259		120B		57-65 FT/LBS		
4.3	260		3064		57-65 FT/LBS	.006 STANDARD->MORE .020 REPLC	
5.1	312		955		130-170 FT/LBS		
5.1	312		955		130-170 FT/LBS		
5.2	318	DI	3204		55 FT/LBS		
5.2	318	DI(2)	3204		55 FT/LBS		
5.2	318	PC	3204		55 FT/LBS		
5.7	350	CB	D330		130-170 FT/LBS		
5.7	350	D4	D330		130-170 FT/LBS		
7.0	425	CB	3304		130-170 FT/LBS		
7.0	425	CB	D330C		130-170 FT/LBS		
7.0	425	DI	3304		150 FT/LBS		
9.8	595		824		230-300 FT/LBS, HOUSING 65-85#		
13.6	831	1	D339		230 FT/LBS		
13.6	831	1	D7		230 FT/LBS		
13.6	831	2	D339		230 FT/LBS		
13.6	831	2	D7		230 FT/LBS		
13.6	831	3	D339		230 FT/LBS		
13.6	831	4	D339		230 FT/LBS		
13.6	831	5	D339		230 FT/LBS		
CATERPILLAR				6 Cylinders			
5.0	304		3046		57-65 FT/LBS		
5.0	305		DP40		57-65 FT/LBS		
5.4	330		922		85-95#, HOUSING 80-90 FT/LBS		
6.4	389		S6K		57-65 FT/LBS		
6.4	390		3066		57-65 FT/LBS	.006 STANDARD	
6.6	403		3116	89-95	79-101 FT/LBS	* FLAT, 1.391 MIN	7E6700
7.2	439		3126	95-02	79-101 FT/LBS	FLAT, 1.508" MIN.	7E6700
7.2	439		3126B		79-101FT/LBS	FLAT, 1.508" MIN	
8.6	525		D318		130-170 FT/LBS		
8.6	525		D318(2)		130-170 FT/LBS		
10.3	629		3176	89-96	202-238 FT/LBS	CUP DIMENSION = 2.932-2.942" *	9Y5708
10.3	629		3176C	97-02	190-230 FT/LBS		
10.3	629		C10	96-02	190-230 FT/LBS		
10.5	638		334		230-300 FT/LBS		
10.5	638	1	1674		265 FT/LBS		
10.5	638	1	D334		265 FT/LBS		
10.5	638	2	1674		265 FT/LBS		
10.5	638	2	D334		265 FT/LBS		
10.5	638	3	1674		265 FT/LBS		
10.5	638	3	D334		265 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CATERPILLAR					6 Cylinders		
10.5	638	CB	3306		130-170 FT/LBS		
10.5	638	DI	3306		150 FT/LBS		
10.5	638	SP	3306		130-170 FT/LBS		
10.5	638	SP	3306		130-170 FT/LBS		
10.5	638	SP	3306		130-170 FT/LBS		2W4198
12.0	730		C12	96-03	170-230 FT/LBS	* ACCESSORY DRIVE ASSEMBLY BOLT 60-90 FT/LBS	
12.2	744		D326		230 FT/LBS		
12.2	744		D337		230 FT/LBS		
14.6	893		1693		230-300 FT/LBS		
14.6	893		3406		180-220 FT/LBS	2.9320-2.9420 CUP OR FLAT 1.752" *	2W6834 4W600V07 4W6707 9N2646
14.6	893		343		230-300 FT/LBS		
14.6	893		D343		230-300 FT/LBS		
14.6	893		G343		230-300 FT/LBS		
14.6	893	1	1693		230-300 FT/LBS		
14.6	893	1	D343		230-300 FT/LBS		
14.6	893	2	1693		230-300 FT/LBS		
14.6	893	3	1693		230-300 FT/LBS		
14.6	893	4	1693		230-300 FT/LBS		
14.6	893	B	3406		180-220 FT/LBS	2.9320-2.9420 CUP OR FLAT 1.752" *	4P4797 4W4800 4W6707 4W6800 9N2646 9N2647
14.6	893	C	3406	91-95	180-220 FT/LBS	2.9320-2.9420 CUP OR FLAT 1.752" **	4W6707 9N2646
14.6	893	E	3406	93-05		FLAT, 1.752" OUTER AREA RECESS .160" *	4W6707
14.6	893	SP	3406		180-220 FT/LBS	2.9320-2.9420 CUP OR FLAT 1.752" *	9N2646 9N2647
20.4	1,246		G342		280 FT/LBS		
20.4	1,246	1	D342		280 FT/LBS		
20.4	1,246	1	D8		265 FT/LBS		
20.4	1,246	1	D8K		280 FT/LBS		
20.4	1,246	1	G342		280 FT/LBS		
20.4	1,246	2	D342		280 FT/LBS		
20.4	1,246	2	D8		265 FT/LBS		
20.4	1,246	2	D8K		280 FT/LBS		
20.4	1,246	3	D342		265 FT/LBS		
20.4	1,246	3	D8		280 FT/LBS		
20.4	1,246	4	D342		280 FT/LBS		
20.4	1,246	4	D8		265 FT/LBS		
20.4	1,246	5	D342		280 FT/LBS		
20.4	1,246	5	D8		280 FT/LBS		
20.4	1,246	6	D8		280 FT/LBS		
24.1	1,473		D9		230-300# EARLY-W/BOLT LOCKS *		

CATERPILLAR **8 Cylinders**

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CATERPILLAR					8 Cylinders		
10.4	636		1160			1.060-1.070 CUP	6L7148 9L8245
10.4	636		3208		55 FT/LBS	1.060-1.070" CUP__ MIN *	9L6372 9L6717 9L8320
10.4	636	1	3208		55 FT/LBS	1.060-1.070 *	9L6394
10.4	636	2	3208		55 FT/LBS	1.060-1.070 *	9L6394
10.4	636	TURBO	3208	87-92	55 FT/LBS	1.060-1.070 CUP * CRANK TO Friction pad 1.421 MINIMUM"	9L8320
11.5	700		1676		230-300 FT/LBS		
19.5	1,191	1	D346		640 FT/LBS		
19.5	1,191	2	D346		640 FT/LBS		
CATERPILLAR					12 Cylinders		
29.3	1,786		D348		640 FT/LBS		
CATERPILLAR					16 Cylinders		
39.0	2,382		D349		640 FT/LBS		
CHRIS-CRAFT IN-LINE					4 Cylinders		
2.2	133		A & B		80 FT/LBS		
CHRIS-CRAFT IN-LINE					6 Cylinders		
3.6	221		K		100 FT/LBS		
3.8	230		K		100 FT/LBS		
3.9	237		KFL		100 FT/LBS		
3.9	237		KL		100 FT/LBS		
3.9	237		KLC & KBL		100 FT/LBS		
5.2	320		M		100 FT/LBS		
5.6	339		MCL		100 FT/LBS		
5.6	339		ML & MBL		100 FT/LBS		
6.6	404		W & WB		120 FT/LBS		
CHRYSLER					4 Cylinders		
1.4	85	D	No Model	81-87	FLY 37 FT/LBS FLEX 52 FT/LBS	.020" STEP	7700598735
1.4	85	E	ENCORE	83-84	37 FT/LBS FLY, 52 FT/LBS FLEX	.020" STEP	
1.4	86	MMC	No Model	79-84	94-101 FT/LBS	FLAT	
1.5	91	A	COLT	90-96	96-103 FT/LBS	FLAT	
1.5	91	K	COLT	85-88	94-101 FT/LBS	FLAT	
1.5	91	X	COLT	89-90	94-101 FT/LBS	FLAT	
1.6	97	A	OMNI	83-86	55 FT/LBS	FLAT	
1.6	98	A	No Model	83-84	94-101 FT/LBS	FLAT	
1.6	98	A	No Model	83-86	94-101 FT/LBS	FLAT	
1.6	98	F	No Model	85-89	94-101 FT/LBS	FLAT	
1.6	98	K	COLT	79-80	94-101 FT/LBS	FLAT	
1.6	98	Y	No Model	89-92	96-103 FT/LBS	FLAT	
1.6	98	Z	COLT	89	96-103 FT/LBS	FLAT	
1.7	105	A	ALLIANCE	85-87	39 FT/LBS	.020" STEP	
1.7	105	B	No Model	78-83		.945" OR .835" CUP, FLAT WITH A460 TRANS	
1.7	105	C	No Model	66-70	41 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CHRYSLER				4 Cylinders			
1.8	107	B	COLT	93-94	94-101 FT/LBS	FLAT	
1.8	107	T	COLT	89-93	94-101 FT/LBS	FLAT	
1.8	110		COLT	92	94-101 FT/LBS	FLAT	
1.8	110	C	COLT	93-94	72 FT/LBS	* FLAT	
2.0	120	V	No Model	87	39 FT/LBS		
2.0	121	A/J	No Model	77-79	65 FT/LBS	FLAT	
2.0	122	C	NEON	-04	FLEXPLATE 70 FT/LBS		
2.0	122	C	NEON	95-04	70 FT/LBS	REPLACE ONLY CONCAVE SURFACE	
2.0	122	D	COLT	83-90	94-101 FT/LBS	FLAT	
2.0	122	E	LASER	93-94	96-103 FT/LBS	.600-.605 CUP	0820 9801
2.0	122	F	NEON	01-02	70 FT/LBS	REPLACE ONLY..CONCAVE SURFACE	
2.0	122	F	NEON	-04	FLEXPLATE 70 FT/LBS		
2.0	122	F	TALON	93-98	94-101 FT/LBS	.600-.605" CUP	0820 9801
2.0	122	MMC	COLT	75-88		FLAT	7604
2.0	122	MMC	No Model	83-90	94-101 FT/LBS	FLAT	
2.0	122	R	COLT	90-94	94-101 FT/LBS	.600-.605 CUP	0820 9801
2.0	122	U	TALON	90-92	94-101 FT/LBS	.600-.605" CUP	0820 9801
2.0	122	V	COLT	89-91	94-101 FT/LBS	FLAT	
2.0	122	Y	AVENGER	95-04	65-75 FT/LBS	.300-.303" REPORTED	
2.1	126	B	No Model	83-87	41-45 FT/LBS	FLAT	
2.2	132	F	MEDALLION	86-88	44 FT/LBS		
2.2	134	A/J	No Model	42-71	36-40 FT/LBS	FLAT	
2.2	135	8	No Model	82-85	67-70 FT/LBS	* FLAT	
2.2	135	A	No Model	91-93	70 FT/LBS	FLAT	
2.2	135	A	SHELBY	86-90	70 FT/LBS	* FLAT	
2.2	135	B	No Model	81-82	70 FT/LBS	* FLAT	
2.2	135	C	No Model	83-85	70 FT/LBS	* FLAT	
2.2	135	C	No Model	86-88	70 FT/LBS	* FLAT	
2.2	135	C	No Model	90	70 FT/LBS	* FLAT	
2.2	135	D	No Model	83-85	70 FT/LBS	* FLAT	
2.2	135	D	No Model	86-90	70 FT/LBS	* FLAT	
2.2	135	D	No Model	91-94	70 FT/LBS	* FLAT	
2.2	135	E	No Model	83-85	70 FT/LBS	* FLAT	
2.2	135	E	No Model	86-87	70 FT/LBS	* FLAT	
2.2	135	F	No Model	83-85	70 FT/LBS	* FLAT	
2.2	135	R	No Model	89-90	70 FT/LBS	* .018" CUP	
2.3	143	E	4D55	83-85	94-101 FT/LBS	FLAT	
2.3	143	J	M4D55	84-85	94-101 FT/LBS	FLAT	
2.4	143	G	COLT VISTA	93-95	94-101 FT/LBS	.610 CUP	
2.4	143	G	RAM-50	93-95	94-101 FT/LBS	FLAT OR .612" CUP	
2.4	143	L	No Model	85-86	94-101 FT/LBS		
2.4	143	W	COLT VISTA	90-92	94-101 FT/LBS	.612" CUP	
2.4	146	B	CARAVAN	96-04	70 FT/LBS		
2.4	148		NEON	-04	FLEXPLATE 70 FT/LBS		
2.4	148	S	CIRRUS	96-03	70 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CHRYSLER				4 Cylinders			
2.4	148	S	NEON	03-04	FLEXPLATE 70 FT/LBS		
2.4	148	X	CIRRUS	95-05	70 FT/LBS		
2.5	150	E	No Model	89-93	50 FT/LBS, + 60°	* FLAT	
2.5	150	H	No Model	86-88	50 FT/LBS, + 60^	FLAT	
2.5	150	P	DAKOTA	91-02	50 FT/LBS +60r, (105 FT/LBS IN 2002)	FLAT	
2.5	150	U	No Model	84-86	50 FT/LBS, + 60^	FLAT	
2.5	151	B	No Model	81-83	68 FT/LBS	.125" CUP	
2.5	151	M	No Model	81-83	68 FT/LBS	.125" CUP	
2.5	152	VM	CHEROKEE	97-02	50 FT/LBS, +60r		
2.5	153	G	DAKOTA	94-95	70 FT/LBS	FLAT	
2.5	153	J	DAKOTA	89-92	70 FT/LBS	FLAT	
2.5	153	K	No Model	87-90	70 FT/LBS	FLAT	
2.5	153	K	No Model	91-95	70 FT/LBS	* FLAT	
2.5	153	L	No Model	86-87	70 FT/LBS	* FLAT	
2.5	153	V	No Model	93-95	70 FT/LBS	FLAT	
2.5	153	W	No Model	92-93		FLAT	
2.6	156	7	RAM-50	81-85	94-101 FT/LBS	FLAT	
2.6	156	D	No Model	78-80	94-101 FT/LBS	FLAT	
2.6	156	D	No Model	79-82	94-101 FT/LBS	FLAT	
2.6	156	E	RAM-50	85-89	94-101 FT/LBS	.021 STEP	
2.6	156	G	No Model	83-86	94-101 FT/LBS	FLAT	
2.6	156	H	CONQUEST	84-88	94-101 FT/LBS	.020" STEP	
CHRYSLER				5 Cylinders			
2.7	165		SPRINTER	03-05	33 FT/LBS, +90r		
CHRYSLER				6 Cylinders			
2.5	152	H	STRATUS	95-99	70 FT/LBS		
2.5	152	N	AVENGER	95-00	70 FT/LBS		
2.7	167	R	CONCORDE	98-04		.218" Step reported	
2.7	167	U	CONCORDE	00-03	70 FT/LBS		
2.8	170		BARRACUDA	60-71		FLAT	
2.8	173	W	No Model	84-87	45-59 FT/LBS	* FLAT	
3.0	181	3	No Model	87-95	70 FT/LBS	*	
3.0	181	3	No Model	96-99	70 FT/LBS	*	
3.0	181	3	SEBRING	01-03	54-56 FT/LBS		
3.0	181	B	No Model	91-92	55 FT/LBS	* .600-.605 CUP	722W
3.0	181	C	No Model	91-92	55 FT/LBS	* 2 WD -.612" DISH, 4 WD -.826" DISH	722W
3.0	181	H	SEBRING	01-04	54-56 FT/LBS		
3.0	181	H	STEALTH	93-95	53-56 FT/LBS	* .610 CUP	
3.0	181	J	STEALTH	93-95	55 FT/LBS	* .826" CUP	
3.0	181	K	No Model	93-97	55 FT/LBS	* 2 WD -.612" DISH, 4 WD -.826" DISH	72DT
3.0	181	S	No Model	90-92	53-55 FT/LBS	* .605-.615 CUP, S/W	722W
3.0	181	U	No Model	91-92	70 FT/LBS	.603-.608" CUP, S/W	722W
3.0	181	V	No Model	92	70 FT/LBS	*	722W
3.0	184	AMC	RAMBLER	49-61	50-55 FT/LBS		
3.0	184	EAGLE	No Model	89-92		FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CHRYSLER				6 Cylinders			
3.2	195		CROSSFIRE	05-06	33 FT/LBS, +90r - ALWAYS USE NEW BOLTS		
3.2	195	J	CONCORDE	98-01	75 FT/LBS		
3.2	198	B	No Model	74-74		FLAT	
3.3	199	A/J	No Model	65-70		FLAT	
3.3	201	3	CARAVAN	03-04	FLEXPLATE 70 FT/LBS		
3.3	201	G	CARAVAN	98-01	70 FT/LBS		
3.3	201	J	No Model	94-98	70 FT/LBS		
3.3	201	R	TOWN & COU	03-04	FLEXPLATE 70 FT/LBS		
3.3	201	R	TOWN & COU	90-02	70 FT/LBS		
3.3	201	T	CONCORDE	93-97	70 FT/LBS		
3.3	201	U	No Model	94-97	70 FT/LBS		
3.5	214	4	PACIFICA	04-06	FLEXPLATE TO CRANK 70 FT/LBS		
3.5	215	F	No Model	93-97	75 FT/LBS, USE NEW BOLTS		
3.5	215	G	No Model	98-02	75 FT/LBS, USE NEW BOLTS		
3.5	215	K	No Model	02-04	75 FT/LBS - USE NEW BOLTS		
3.5	215	M	No Model	02-04	75 FT/LBS - USE NEW BOLTS		
3.5	215	V	No Model	02-04	75 FT/LBS - USE NEW BOLTS.		
3.7	225		No Model	76-87		1.00" CUP	
3.7	225	B	No Model	69-80		1.00 CUP OR FLAT	
3.7	225	C	No Model	60-80	60 FT/LBS	1.00 CUP OR FLAT	
3.7	225	D	No Model	77-80		1.00 CUP OR FLAT	
3.7	225	E	No Model	81-82		1.00 CUP	
3.7	225	F	No Model	81-82		1.00 CUP	
3.7	225	G	No Model	82		1.00 CUP	
3.7	225	H	No Model	82-87	55 FT/LBS	1.00 CUP	
3.7	225	J	No Model	83-84	55 FT/LBS	1.00 CUP	
3.7	225	K	No Model	02-05	70 FT/LBS FLEXPLATE		
3.7	225	M225	No Model		60 FT/LBS, 30 FT/LBS HOUSING		
3.7	225	N	No Model	80		1.00 CUP	
3.7	225	W	No Model	82		1.00 CUP	
3.8	230		No Model	42-52	60 FT/LBS	FLAT	
3.8	231	L	No Model	01-05	FLEXPLATE 70 FT/LBS		
3.8	231	L	No Model	91-00	70 FT/LBS		
3.8	232	A/J	No Model	64-79		FLAT	
3.9	237	F	No Model	42-56		FLAT IN 1946-56, EARLIER YEARS UNKNOWN	
3.9	237	G,GA	No Model	42-56		FLAT IN 1946-56, EARLIER ENGINES UNKNOWN	
3.9	239	M	TRUCK	87-88	55 FT/LBS	FLAT	
3.9	239	X	MAGNUM	92-02	55 FT/LBS	FLAT	
3.9	239	X	No Model	88-91	55 FT/LBS	FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CHRYSLER				6 Cylinders			
4.0	242	L	No Model	89-90	105 FT/LBS	FLAT	
4.0	242	M	No Model	87-88	105 FT/LBS	FLAT	
4.0	242	S	No Model	91-97	105 FT/LBS	FLAT	
4.0	242	S	No Model	98-05	105 FT/LBS	FLAT	
4.0	243	D	No Model	81-85	75.9-83.2 FT/LBS		
4.1	251		No Model	42-68	60 FT/LBS	FLAT	
4.2	258	C	No Model	70-83	105 FT/LBS	FLAT	
4.2	258	C	No Model	83-89	105 FT/LBS	FLAT	
4.2	258	C(2)	No Model	83-89	105 FT/LBS	FLAT	
4.2	258	T	No Model	90	105 FT/LBS	FLAT	
4.3	265		No Model	52-68	60 FT/LBS	FLAT	
4.6	282		No Model	37-52		FLAT IN 1946-52, EARLIER YEARS UNKNOWN	
5.9	359	6	No Model	98-05	101 FT/LBS, HOUSING: 44 FT/LBS	FLAT--- FOR AFTERMARKET CLUTCH AND DISC ' NO MIN SPEC '	
5.9	359	7	No Model	00-01	101 FT/LBS, HOUSING: 44 FT/LBS	FLAT--- FOR AFTERMARKET CLUTCH AND DISC	
5.9	359	8	No Model	89-97	101 FT/LBS	1989-93 53020120 \$550.00, 1994-95 4762088 \$190.00, *	
5.9	359	C	No Model	94-96	101 FT/LBS	1.300" NEW, 1.260" MINIMUM	
5.9	359	C	No Model	98-05	101 FT/LBS, HOUSING 44 FT/LBS	1.300" NEW, 1.260" MINIMUM	
5.9	359	D	No Model	97-98	101 FT/LBS	1.300" NEW, 1.260" MINIMUM	
CHRYSLER				8 Cylinders			
4.0	241	HEMI	HEMI	53-55	HOUSING TO BLOCK 50 FT/LBS	FLAT	
4.1	250	A/J	No Model	56-61	100-110 FT/LBS	FLAT	
4.5	273	273	No Model	62-69	135 FT/LBS	FLAT	
4.5	273	M273	No Model		55 FT/LBS, 50 FT/LBS HOUSING	FLAT	
4.5	277		BELVEDERE	56-57	60 FT/LBS	FLAT	
4.7	287	A/J	No Model	63-66		FLAT	
4.7	287	J	DAKOTA	04-06	45 FT/LBS		
4.7	287	N	DURANGO	99-06	45 FT/LBS		
4.8	290	A/J	No Model	66-69	100-110 FT/LBS	FLAT	
4.9	301	301	No Model	55	60 FT/LBS	FLAT	
5.0	304	A/J	No Model	70-79	95-120 FT/LBS	FLAT	
5.2	315	315	No Model	55-57	55 FT/LBS		
5.2	318	2	No Model	98-99	55 FT/LBS		
5.2	318	4	No Model	83-89	55 FT/LBS	FLAT	
5.2	318	E	No Model	73-76	55 FT/LBS	FLAT	
5.2	318	E	No Model	77-80	55 FT/LBS	FLAT	
5.2	318	G	No Model	69-76		FLAT	
5.2	318	G	No Model	77-79		FLAT	
5.2	318	G	No Model	80		FLAT	
5.2	318	H	No Model	78-80		FLAT	
5.2	318	J	No Model	81-82		FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CHRYSLER				8 Cylinders			
5.2	318	K	No Model	81-82		FLAT	
5.2	318	L	No Model	81-82		FLAT	
5.2	318	LM318	No Model		55 FT/LBS, 50 FT/LBS HOUSING		
5.2	318	M	No Model	81-82		FLAT	
5.2	318	N	No Model	81-85	23 FT/LBS	FLAT	
5.2	318	P	No Model	81-82		FLAT	
5.2	318	P	No Model	83-91	55 FT/LBS	FLAT	
5.2	318	R	No Model	81-82		FLAT	
5.2	318	R	No Model	83-87	55 FT/LBS	FLAT	
5.2	318	S	No Model	83-89	55 FT/LBS		
5.2	318	T	MAGNUM	95-99	55 FT/LBS	FLAT	
5.2	318	T	No Model	83-87	55 FT/LBS	FLAT	
5.2	318	U	No Model	83-84	55 FT/LBS	FLAT	
5.2	318	V	No Model	62-67		FLAT	
5.2	318	Y	DAKOTA	88-91	55 FT/LBS	FLAT	
5.2	318	Y	DAKOTA	92-04	55 FT/LBS		
5.3	323	323	No Model	35-51		FLAT IN 1946-51, EARLIER YEARS UNKNOWN	
5.3	325	325	No Model	55-57	55 FT/LBS	FLAT	
5.3	326		No Model	55-57		FLAT	
5.4	327	A/J	RAMBLER	57-67	100-110 FT/LBS	FLAT	
5.4	330	330	DESOTO	56	60 FT/LBS		
5.4	331	331	No Model	54-56	50 FT/LBS		
5.4	331	CAR	No Model	51-54	50 FT/LBS		
5.6	340		No Model	68-73	55 FT/LBS	FLAT	
5.6	340	LM340	No Model		55 FT/LBS, 50 FT/LBS HOUSING	FLAT	
5.6	341	A/J 2	DESOTO	56-57		FLAT	
5.6	343	A/J 1	No Model	67-69	100-110 FT/LBS	FLAT	
5.7	345	D	TRUCK	03-05	FLY=55 FT/LBS, FLEX=70 FT/LBS		
5.7	350		No Model	68-71		FLAT	
5.8	354		NEW YORKER	56-56	60 FT/LBS		
5.8	354		No Model	56-58		FLAT	
5.8	354	1	CHRYSLER 30	56-56	55 FT/LBS	FLAT	
5.9	360	5	MAGNUM	92-01	55 FT/LBS	FLAT	
5.9	360	5	No Model	89-91	55 FT/LBS	FLAT	
5.9	360	7	GRAND WAGO	89-91		FLAT	
5.9	360	A/J	No Model	70-79	95-120 FT/LBS	FLAT	
5.9	360	F	No Model	77-79	55 FT/LBS	FLAT	
5.9	360	F	No Model	80	55 FT/LBS	FLAT	
5.9	360	I	No Model	83-87	55 FT/LBS	FLAT	
5.9	360	J	No Model	71-75		FLAT	
5.9	360	J	No Model	76-79		FLAT	
5.9	360	K	No Model	74-76		FLAT	
5.9	360	K	No Model	77-79		FLAT	
5.9	360	K	No Model	80	55 FT/LBS	FLAT	
5.9	360	L	No Model	73-75		FLAT	
5.9	360	L	No Model	76-78		FLAT	
5.9	360	L	No Model	79		FLAT	
5.9	360	L	No Model	80		FLAT	
5.9	360	N	No Model	83-88	105 FT/LBS	FLAT	

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CHRYSLER				8 Cylinders			
5.9	360	S	No Model	80-82	55 FT/LBS	FLAT	
5.9	360	T	No Model	77-79	55 FT/LBS	FLAT	
5.9	360	T	No Model	80-82	55 FT/LBS	FLAT	
5.9	360	U	No Model	81-82	55 FT/LBS	FLAT	
5.9	360	V	No Model	81	55 FT/LBS	FLAT	
5.9	360	V	No Model	82	55 FT/LBS	FLAT	
5.9	360	W	No Model	83-88	55 FT/LBS	FLAT	
5.9	360	Z	DURANGO	98-02	55 FT/LBS		
5.9	360	Z	MAGNUM	92-97	55 FT/LBS	FLAT	
5.9	360	Z	No Model	89-91	55 FT/LBS	FLAT	
5.9	361		No Model	80-81		FLAT	
5.9	361	TRK	No Model	57-78	55 FT/LBS	FLAT	
6.1	370	W	300 SRT8	-06	55 FT/LBS, FLEXPLATE 70 FT/LBS		
6.2	377		No Model	46-53		FLAT	
6.3	383		No Model	59-71	55 FT/LBS	FLAT	
6.4	390	A/J	No Model	68-76	100-110 FT/LBS		
6.6	400	M	No Model	75-76	55 FT/LBS	FLAT	
6.6	400	N	No Model	72-78	55 FT/LBS	FLAT IN 1972-74, OTHER YEARS ARE UNKNOWN	
6.6	400	P	No Model	74-78	55 FT/LBS	FLAT	
6.6	401	A/J	No Model	71-78	95-120 FT/LBS	FLAT	
6.8	413		No Model	59-76	55 FT/LBS	FLAT	
6.8	413		No Model	59-77	55 FT/LBS	FLAT	
7.0	426		WEDGE	65-66	55 FT/LBS	FLAT	
7.0	426	H J R	HEMI	66-71	70 FT/ LBS	FLAT	
7.2	440		No Model	76-76	55 FT/LBS	FLAT	
7.2	440	T	No Model	66-73	55 FT/LBS	FLAT	
7.2	440	U	No Model	74-76	55 FT/LBS	FLAT	
7.8	478		No Model	69-77		FLAT (1969-74)	
9.0	549		No Model	70-74		FLAT	
CHRYSLER				10 Cylinders			
8.0	488	W	No Model	94-02	55 FT/LBS		
CONTINENTAL				4 Cylinders			
2.1	129		Z129				1.123-1.127" CUP
2.2	134		Z134		70-75 FT/LBS		
2.4	145		Z145		70-75 FT/LBS		
2.7	164		164		50-55 FT/LBS		
2.7	164	TMD	TMD27		50-55 FT/LBS		
3.4	206		G206		70-75 FT/LBS		
CONTINENTAL				6 Cylinders			
3.7	226	F	F226		5/16=25# 3/8=40# 7/16=75# **		
5.4	330	K & M	K330		5/16=25# 3/8=40# 7/16=75# **		
6.0	363	K & M	363		5/16=25# 3/8=40# 7/16=75# **		
7.0	427	B & T	T427		5/16=25# 3/8=40# 7/16=75# **		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CONTINENTAL			6 Cylinders				
7.8	478		T478		5/16=25# 3/8=40# 7/16=75# **		
8.2	501		U501		5/16=25# 3/8=40# 7/16=75# **		
8.4	513		R513		5/16=25# 3/8=40# 7/16=75# **		
9.4	572		R572		5/16=25# 3/8=40# 7/16=60# **		
9.9	602		R602		5/16=25# 3/8=40# 7/16=75# **		
12.3	749		S		5/16=25# 3/8=40# 7/16=75# **		
13.4	820		S820		5/16=25# 3/8=40# 7/16=75# **		
CUMMINS			3 Cylinders				
1.7	105	A	A SERIES		50 FT/LBS, HOUSING 62 FT/LBS		
CUMMINS			4 Cylinders				
2.3	140	A	A SERIES		50 FT/LBS, HOUSING 62 FT/LBS		
2.3	140	L	L SERIES		50 FT/LBS, 62 FT/LBS HOUSING		
3.3	199		B3.3 SERIES		HOUSING 50 FT/LBS		
3.9	238		B SERIES	98-04	101 FT/LBS, 44 FT/LBS HOUSING	1.330" NEW, 1.260" MIN	
3.9	239	B	B SERIES	83-98	101 FT/LBS		3921263
4.5	275		B SERIES	98-04	101 FT/LBS, 44 FT/LBS HOUSING	1.330" NEW, 1.260" MIN	
CUMMINS			6 Cylinders				
3.4	210	A	No Model		50 FT/LBS, HOUSING 62 FT/LBS		
3.4	210	A	No Model		50 FT/LBS, HOUSING 62 FT/LBS		
3.4	210	T	No Model		50 FT/LBS, HOUSING 62 FT/LBS		
5.9	359		B SERIES	98-03	101 FT/LBS, 44 FT/LBS HOUSING	1.330" NEW, 1.260" MIN	
5.9	359	B	B SERIES	83-98	97-106 FT/LBS	1.305" NEW, 1.260" MIN	3921263
6.6	401	J	J SERIES		100-110 FT/LBS		
7.6	464		C 160		100-110 FT LBS	FLAT	
8.3	505		ISC/QSC	98-06	101 FT/LBS		
8.3	505	C	C SERIES	85-90	101 FT/LBS	1.300 NEW, 1.260 MIN	3922645
8.3	505	C(2)	C SERIES	91-00	101 FT/LBS	1.300 NEW, 1.260 MIN	3922645
10.0	611		L10	85-90	135 FT/LBS, HOUSING: 50,95,145 FT/LBS	2.937" CUP	3042786

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
CUMMINS				6 Cylinders			
10.0	611	91->	L10	91-96	135 FT/LBS, HOUSING:	2.937" CUP	3042786
11.0	661		M11	91-01	50,95,145 FT/LBS 135#, HOUSING	2.932-2.942" (74.473-74.727 MM)	3042786
11.0	672	H	H672	40-68	200-220 FT/LBS, HOUSING 150#		
11.0	672	NH	NH180		190-200#, HOUSING 150#		
12.2	743	NH	NH 220 SERIE		200-220 FT/LBS, HOUSING 150#		
14.0	855		NT SERIES	88-91		2.932-2.942" CUP	119548M 3005145
14.0	855	FFC	88NT	87-89		2.932-2.942" CUP	
14.0	855	N14	N14	91-00	200 FT/LBS		
14.0	855	N14	N14	91-00	200 FT/LBS	2.932-2.942 CUP	
14.0	855	NH	NH230		200 FT/LBS, HOUSING 150 FT/LBS	2.932-2.942 CUP	
14.0	855	NT	NT855		200 FT/LBS, HOUSING 150 FT/LBS		
14.0	855	NTC	NTC400			2.937" +/- .005"	
18.8	1,150		K SERIES		100-120#, HOUSING 140-160#		
CUMMINS				8 Cylinders			
8.3	504	504	V-504		55-60,140-145 FT/LBS		3016548
9.1	555		TRIPLE NICKE		60,140 FT/LBS	FLAT	
CUMMINS				12 Cylinders			
38.0	2,300		KT SERIES		100-120#, HOUSING 140-160#		
DAEWOO				4 Cylinders			
1.6	98		LANOS	99-02	25 FT/LBS, +30r, +15r, FLEXPLATE: 44 FT/LBS		
2.0	122	Z	NUBIRA	99-02	48 FT/LBS, +30r, +15r, FLEXPLATE: 48#		
2.2	134		LEGANZA	99-02	48 FT/LBS, +30r, +15r, FLEXPLATE: 48 FT/LBS		
DAEWOO				6 Cylinders			
11.1	674	DE12T	DE12T		87 FT/LBS, FIXING BOLTS 130 FT/LBS		
14.6	892		D2848T		.0094-.0172" (.240-.438 MM)	*	
DAIHATSU				3 Cylinders			
0.7	42		430447		35 FT/LBS		
1.0	58		580447		35 FT/LBS		
1.0	61	CB	CHARADE	88-92	29-36 FT/LBS	.948" CUP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
DAIHATSU				4 Cylinders			
1.3	79	2	No Model	89-92	58-72 FT/LBS	.965 STEP/6.5" CLUTCH	XGB
1.6	97	O	ROCKY	90-95	58-72 FT/LBS		
1.6	98	HD	No Model	90-92	58-72 FT/LBS		
DDC				2 Cylinders			
1.7	106		2-53 2V		110-120#, FLY HOUSING 25-30#	1.096,1.187 OR 2.937	
1.7	106		2-53 4V		110-120#, FLY HOUSING 25-30#	1.093,1.187 OR 2.937	
2.3	142		2-71		90-100 FT/LBS		
2.3	142		2-71 2V		90-100 FT/LBS		
2.3	142		2-71 CROSS-HE		90-100 FT/LBS		
2.3	142		2-71E		90-100 FT/LBS		
2.3	142		2-71M		90-100 FT/LBS		
2.3	142		2-71N		90-100 FT/LBS		
2.3	142		2-71T		90-100 FT/LBS		
DDC				3 Cylinders			
0.9	53		53			1.093", 1.187" OR 2.937" CUP DIMENSION	
2.1	127		D703L		14#+60r, HOUSING 35#, REAR HOUSING 20#		
2.6	159		3-53		110-120 FT/LBS, 25-30# HOUSING	1.093,1.187 OR 2.937	
3.5	213		3-71		90-100 FT/LBS		
3.5	213		3-71 2V		90-100 FT/LBS		
3.5	213		3-71 CROSS-HE		90-100 FT/LBS		
3.5	213		3-71E		90-100 FT/LBS		
3.5	213		3-71M		90-100 FT/LBS		
3.5	213		3-71N		90-100 FT/LBS		
3.5	213		3-71T		90-100 FT/LBS		
DDC				4 Cylinders			
2.8	169		D704L		14#+60r, HOUSING 35#, REAR HOUSING 20#		
3.5	212		4-53		110-120 FT/LBS, HOUSING 25-30#	1.093", 1.187" OR 2.937"	
4.2	259		MBE 900	04-05	37, 92#, +90r MAX BOLT LNGTH 2.40"		
4.7	284		4-71 2VALVE		90-100 FT/LBS ***		
4.7	284		4-71 4VALVE		90-100 FT/LBS ***		
4.7	284		4-71 CROSS-HE		90-100 FT/LBS ***		
4.7	284		4-71E		90-100 FT/LBS ***		
4.7	284		4-71M		90-100 FT/LBS ***		
4.7	284		4-71N		90-100 FT/LBS ***		
4.7	284		4-71T		90-100 FT/LBS ***		
8.5	518		50 SERIES	92-05	50 FT/LBS, + 120°		
DDC				6 Cylinders			
4.2	254		D706LT		14#+60r, HOUSING 35#, REAR HOUSING 20#		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
DDC				6 Cylinders			
5.2	318		6V-53		110-120 FT/LBS, HOUSING 25-30#	1.093,1.187 OR 2.937	
6.4	389		MBE 900	04-05	37,92#,+90r MAX BOLT LENGTH 2.40"		
7.0	426		6-71		90-100 FT/LBS	2.937 CUP *	5126487 6126487
7.0	426		6-71 2V		90-100 FT/LBS		
7.0	426		6-71 CROSS-HE		90-100 FT/LBS		
7.0	426		6-71E		90-100 FT/LBS		
7.0	426		6-71M		90-100 FT/LBS		
7.0	426		6-71N		90-100 FT/LBS		
7.0	426		6-71T		90-100 FT/LBS		
7.0	426		6V-71		90-100 FT/LBS		
7.0	426		6V-71 2 VALVE		90-100 FT/LBS		
7.0	426		6V-71 CROSSHE		90-100 FT/LBS		
7.0	426		6V-71T		90-100 FT/LBS		
7.0	426		6V-71T CROSSH		90-100 FT/LBS		
7.6	466		40 SERIES	98-02	100 FT/LBS	1.430" MIN, CUP FLYWHEELS: 2.938" CUP DISTANCE	
7.6	466		466E	94-99	100 FT/LBS, 80 FT/LBS HOUSING	1.430" MIN FROM CRANK FLANGE	
8.7	530		40 SERIES	98-02	100 FT/LBS	1.430" MIN, CUP FLYWHEELS=2.938" CUP DISTANCE	
9.1	552		6V-92		50 FT/LBS + 90-120°		32242980M 5100534
11.1	677		60 SERIES	86-04	50 FT/LBS + 60°	2.937" CUP DO NOT REMOVE MORE THAN .020" OR .508MM	2350442 5101799
12.7	775		60 SERIES	86-04	50 FT/LBS + 60°	2.937" CUP DO NOT REMOVE MORE THAN .020" OR .508MM	
DDC				8 Cylinders			
7.0	424		8V-53		110-120 FT/LBS, HOUSING 25-30#		
8.2	500		FUEL PINCHE		64-74 FT/LBS	FLAT - 1.582 MIN	
8.2	500	D	FUEL PINCHE	80-89	64-74 FT/LBS	FLAT - 1.582 MIN	
9.3	568		8V-71		90-100 FT/LBS		
9.3	568		8V-71 (2)		90-100 FT/LBS		
9.3	568		8V-71 CROSSHE		90-100 FT/LBS		
9.3	568		8V-71 TURBO		90-100 FT/LBS		
9.3	568		8V-71T CROSSH		90-100 FT/LBS		
12.1	736		8V-92		50 FT/LBS, +90-120r		32242980M 5100534
DDC				12 Cylinders			
18.1	1,104		12V-92		50 FT/LBS, +90-120r		
DDC				16 Cylinders			
24.1	1,472		16V-92		50 FT/LBS, +90-120r		
39.1	2,384		16V-149		180-190 FT/LBS		
DEUTZ				1 Cylinder			

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
DEUTZ				1 Cylinder			
0.4	25		F1L 208 D		118 FT/LBS		
0.7	41		F1L 210 D		133 FT/LBS		
DEUTZ				2 Cylinders			
1.4	83		F2L 1011		22 FT/LBS, + 60°, + 30°		
1.6	95		F2L 2011		22 FT/LBS, +60r, +30r USE NEW		
1.9	115		F2L912		22 FT/LBS, + 30°, + 30° BOLTS		
1.9	115		F2L912/W		22 FT/LBS, + 30°, + 30° BOLTS		
DEUTZ				3 Cylinders			
1.4	83		F3L 1011		22 FT/LBS, + 60°, + 30°		
2.3	142		BF3L 2011		22 FT/LBS, +60r, +30r		
2.3	142		F3L 2011		22 FT/LBS, +60r, +30r - USE NEW		
2.8	172		F3L912		37 FT/LBS, + 90°, + 90°		
2.8	172		F3L913		37 FT/LBS, + 90°, + 90°		
DEUTZ				4 Cylinders			
1.4	83		F4L 1011		22 FT/LBS, + 60°, + 30°		
3.1	190		BF4L 2011		22 FT/LBS, +60r, +30r - USE NEW SCREWS		
3.1	190		F4L 2011		22 FT/LBS, +60r, +30r - USE NEW BOLTS		
3.2	195		BF4M1012		SEE COMMENTS BELOW *		
3.8	229		F4L912		37 FT/LBS, + 90°, + 90°		
4.1	249		BF4L913 TURB		37 FT/LBS, +90°, +90° NUTS		
4.1	249		BF4L913C		37 FT/LBS, +90r, +90r NUTS - SEE BELOW	.118" STEP, 1.516" MINIMUM	
4.8	291		BF4M1013		SEE COMMENTS BELOW *		
DEUTZ				5 Cylinders			
4.7	286		F5L912		37 FT/LBS, + 90°, + 90°		
DEUTZ				6 Cylinders			
0.0	0		BF L913 TURB		37 FT/LBS,+ 90°,+ 90° NUTS		
4.8	292		BF6M1012		SEE COMMENTS BELOW *		
5.6	343		BF6L912		37 FT/LBS, + 90°, + 90°		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
DEUTZ					6 Cylinders		
5.6	343		BF6L912W		37 FT/LBS, + 90°, + 90°		
5.6	343		F6L912		37 FT/LBS, + 90°, + 90°		
6.1	374		BF6L913 TURB		NUTS: 37 FT/LBS, +90r, +90r - SEE BELOW		
6.1	374		BF6L913/C		37 FT/LBS,+ 90°, + 90° NUTS	.118" STEP, 1.516" MINIMUM	
7.1	436		BF6M1013		3 STEPS - SEE COMMENTS BELOW *		
8.5	517	1	BF6L413F		M16 X 1.5 X 62: 30#, +30°+60° *		
9.6	584		BF6L413F		M16 X 1.5 X 62:30#, +30°+60° **		
12.0	731		8550	85-94	200 FT/LBS		
DEUTZ					8 Cylinders		
11.3	690	1	BF8L413		M16 X 1.5 X 62: 30#, +30°+60° *		
12.8	779		BF8L413		M16 X 1.5 X 62:30#, +30°+60° **		
13.4	817		BF8L513		30 FT/LBS, +30°, +60°		
DEUTZ					10 Cylinders		
14.1	862	1	BF10L413		M16 X 1.5 X 62=30#, +30°+60° **		
14.7	897		F10L413L		M16 X 1.5 X 62=30#, +30°+60° *		
16.0	973		BF10L413		M16 X 1.5 X 62:30#, +30°+60° *		
16.7	1,021		BF10L513		30 FT/LBS, +30°, +60°		
DEUTZ					12 Cylinders		
17.0	1,035	1	BF12L413		M16 X 1.5 X 62: 30#, +30°+60° *		
19.1	1,168		BF12L413		M16 X 1.5 X 62: 30#, +30°+60° *		
FERGUSON					4 Cylinders		
1.9	113	TEA20	No Model		42-46 FT/LBS		
2.1	127	TEA20	TEA20		41-46 FT/LBS		
FERRARI					8 Cylinders		
3.0	183		308	77-84	61 FT/LBS		
FIAT					3 Cylinders		
2.6	158		8035		75-85 FT/LBS		
FIAT					4 Cylinders		
1.1	66		No Model	80-87	61 FT/LBS	.060" STEP	
1.1	68	28A	No Model	73		.059 STEP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FIAT				4 Cylinders			
1.3	79	28A	No Model	73-78			.059 STEP
1.5	91	38A	No Model	79-80			.059 STEP
1.6	98	25B	No Model	73			.025 STEP
1.8	107	32A	SPIDER	75-78	61 FT/LBS		.018-.025 STEP
2.0	122	32B	No Model	78-80			.025 STEP
2.0	122	32C	No Model	81-83			.025 STEP
3.7	224		8041M		87 FT/LBS		
4.6	278		B10		65-72 FT/LBS		
FIAT				6 Cylinders			
5.5	336		8065.24		30 FT/LBS + 60°		14.0315-14.0354 O.D.
5.9	358		8065.25		30 FT/LBS, + 60°		14.0315-14.0354 FLYWHEEL O.D.
6.0	366	D	8065		30 FT/LBS, + 60°		14.0315-14.0354 FLY O.D.
6.0	366	D(1)	8065		30 FT/LBS, + 60°		14.0315-14.0354 FLY O.D.
13.8	842		8215		202 FT/LBS, 87 FT/LBS HOUSING		
FORD				2 Cylinders			
0.7	43		LEK752C2		253-325 FT/LBS		
0.7	43		LEK757C		253-325 FT/LBS		
0.8	49		LEK802D		253-325 FT/LBS		
0.8	49		LEK802D/1200		253-325 FT/LBS		
1.1	69		LET862C		253-325 FT/LBS		
1.3	77		LE892		253-325 FT/LBS		
FORD				3 Cylinders			
0.9	53		S723		43-51 FT/LBS		
0.9	58		CM224		51-58 FT/LBS		
1.1	68		K773		44-50 FT/LBS		
1.3	77		CM274		51-58 FT/LBS		
1.3	81		J843		44-51 FT/LBS		
1.4	85		H843		253-325 FT/LBS		
1.4	87		LEM853		253-325 FT/LBS		
1.5	91		N843		44-51 FT/LBS		
1.7	104		1910		44-51 FT/LBS		
2.4	144		DEXTA		75 FT/LBS		
2.5	152		SUPER DEXTA		75 FT/LBS		
2.6	158	D	2000 SERIES	61-75	160 FT/LBS		1.715-1.720" CUP DIMENSION
2.6	158	G	2000 SERIES	68-75			1.715-1.720" CUP DIMENSION
2.9	175		TRACTOR		160 FT/LBS		
2.9	175	D	3000	61-75	100-115 FT/LBS		CUP DIMENSION IS 1.715-1.720"
2.9	175	G	2000	65-68	100-115 FT/LBS		1.715-1.720" CUP DIMENSION
3.1	192	D	3910	80-89	160 FT/LBS		1.715-1.720 CUP
3.1	192	G	4000 SERIES	80-89	100-110 FT/LBS		1.715-1.720 CUP
3.3	201		BSD-333	65-72	160 FT/LBS		
3.3	201	G	535	65-72	100-110 FT/LBS		1.715-1.720" CUP DIMENSION

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD							
4 Cylinders							
1.1	67		KSG 1.1	93-98	50-55 FT/LBS		
1.1	67		VSG-411	84-88	47-52 FT/LBS		
1.1	67		VSG-411 (2)	89-92	47-52 FT/LBS		
1.3	79		VSG-413	84-89	47-52 FT/LBS		
1.3	79		VSG-413 (2)	89-92	47-52 FT/LBS		
1.3	81	H	FESTIVA,ASPI	89-97	71-76 FT/LBS	.021" STEP	3F284 A2K18 B4L22
1.3	81	K	FESTIVA	88-89	71-76 FT/LBS	.020 CUP	
1.5	91	E	CORTINA 150	62-63	45-50 FT/LBS		
1.6	98		INDUSTRIAL	78-93	50-55 FT/LBS		
1.6	98		KSG 1.6	78-96	50-55 FT/LBS		
1.6	98		PINTO,FESTIV	76-80	50-55 FT/LBS	FLAT IN 1978-80, OTHER YEARS UNKNOWN	
1.6	98	2	ESCORT	81-82	54-64 FT/LBS	FLAT	
1.6	98	2	ESCORT	83-85	54-64 FT/LBS	FLAT	
1.6	98	4	ESCORT	83-85	54-64 FT/LBS	FLAT	
1.6	98	5	ESCORT	83-85	54-64 FT/LBS	FLAT	
1.6	98	5	TRACER	87-92	71-76 FT/LBS	.018-.020" STEP	
1.6	98	6	CAPRI,TRACE	91-94	71-76 FT/LBS	.020" STEP NON TURBO, .787" CUP FOR TURBO	
1.6	98	7	ESCORT	83-85	54-64 FT/LBS	FLAT	
1.6	98	8	ESCORT,TURB	83-85	54-64 FT/LBS		
1.6	98	GAS	INDUSTRIAL	-80	50-55 FT/LBS		
1.6	98	L4	PINTO,FESTIV	78-80		FLAT	
1.6	98	W	PINTO,CAPRI	70-73	50-55 FT/LBS	FLAT	
1.6	98	Z	CAPRI	91-94	71-76 FT/LBS	.020" STEP, .787" CUP FOR TURBO	
1.7	104		BOBCAT ,IND, M	63-75	47-51 FT/LBS		
1.8	110	A	COURIER	72-78		.285" OR .315" CUP	
1.8	112	8	ESCORT,TRAC	91-98	71-76 FT/LBS	.770" CUP, HAVE HEARD OF .785-.787" CUP ALSO	
1.9	116	2	ESCORT	87-96	54-64 FT/LBS	FLAT	
1.9	116	9	ESCORT	86-90	54-64 FT/LBS	* FLAT	
1.9	116	J	No Model	86-96	54-64 FT/LBS	* FLAT	
2.0	120	2N	TRACTORS, 2	39-54	75-85 FT/LBS	.855" MINIMIUM CRANK FLANGE TO DISC SURFACE	
2.0	122		TC40	93-04	51-58 FT/LBS		
2.0	122	1	No Model	81-82		.315 CUP	
2.0	122	3	CONTOUR	95-05	71-76 FT/LBS	.275" CUP	926M
2.0	122	5	FOCUS	03-05	83 FT/LBS		
2.0	122	A	PROBE	93-97	71-76 FT/LBS	.787", .290"-.310" CUP, SEE CAST #	FS01
2.0	122	C	COURIER	79-80	112-118 FT/LBS	.315" CUP	
2.0	122	C	RANGER	83-88	53-64 FT/LBS	FLAT	
2.0	122	C	RANGER	84-85	56-64 FT/LBS	FLAT	
2.0	122	H	ESCORT	84-87	134 FT/LBS	FLAT	
2.0	122	N	PINTO	71-74	47-51 FT/LBS WITH THREAD LOCKER	FLAT	
2.0	122	N3A	SCORPIO	-95	64 FT/LBS		
2.0	122	NSD	SCORPIO	-95	64 FT/LBS		
2.0	122	P	ESCORT	97-03	54-67 FT/LBS	.300" REPORTED BY MEMBERS	
2.0	122	X	PINTO	74-74		FLAT	

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD				4 Cylinders			
2.0	122	Z	CONTOUR	96-00	71-76 FT/LBS	.275" CUP	926M
2.2	133	C	PROBE	89-92	71-76 FT/LBS	.020 STEP OR .785" CUP	F220 F807 F220
2.2	133	L	PROBE	89-92	71-76 FT/LBS	.021" STEP	F220
2.2	134		TRACTORS, N	54-60	75-85 FT/LBS		
2.2	134	P	No Model	83-84		.640" CUP	
2.2	135		TC45		51-58 FT/LBS		
2.3	138		T854-B		44-51 FT/LBS		
2.3	140		LRG423	95-01	54-64 FT/LBS		
2.3	140		LSG423		54-64 FT/LBS		
2.3	140	2	No Model	81-82		.315" CUP	
2.3	140	A	No Model	80-84	54-64 FT/LBS	.315 CUP	
2.3	140	A	No Model	85-88	56-64 FT/LBS	FLAT	
2.3	140	A	No Model	89-98	56-64 FT/LBS	FLAT	
2.3	140	B	No Model	76-80		.315 CUP	
2.3	140	D	RANGER	01-04	37/50/83 FT/LBS		
2.3	140	E	No Model	85-87	94-101 FT/LBS	FLAT	
2.3	140	M	No Model	91-93	56-64 FT/LBS	FLAT	
2.3	140	R	No Model	83-86	54-64 FT/LBS	FLAT	
2.3	140	S	No Model	85-86	54-64 FT/LBS	FLAT	
2.3	140	S	TEMPO	85-91	54-64 FT/LBS	FLAT	
2.3	140	T	No Model	80-87	54-64 FT/LBS	FLAT	
2.3	140	W	No Model	79-80		FLAT	
2.3	140	W	No Model	83-88	54-64 FT/LBS	FLAT	
2.3	140	X	No Model	85-86	54-64 FT/LBS	FLAT	
2.3	140	Y	No Model	74-75		.315" CUP OR FLAT (BOBCAT, ZEPHYR, CAPRI)	
2.3	140	Y	No Model	76-79		.315" CUP, OR FLAT (BOBCAT, ZEPHYR, CAPRI)	
2.3	140	Y5A	SCORPIO	-95	64 FT/LBS		
2.3	140	Z	No Model	83-85	54-64 FT/LBS	FLAT	
2.3	141	X	No Model	87-94	54-64 FT/LBS	FLAT	
2.4	144		YSD-424		43-47 FT/LBS		
2.5	152	C	RANGER	98-00	54-64 FT/LBS		
2.5	152	SCD	SCORPIO	-95	15 FT/LBS, +75r		
2.5	153	D	TAURUS	86-91	54-64 FT/LBS	FLAT	
2.8	172	G	No Model	53-80	75-85 FT/LBS		
3.1	192	G	No Model	64-79	75-85 FT/LBS		
3.3	200		A	28-32		1.140-1.160	
3.6	220	D	No Model	58-67		FLAT	
4.0	242		No Model	67-70	80-90 FT/LBS	FLAT	
4.2	254		No Model	69-82	80-90 FT/LBS		
4.2	254	D	2701C	68-72	80-90 FT/LBS		
4.2	254	ESD	ESD-442	83-92	75-90 FT/LBS		
4.2	256		BSD-442		160 FT/LBS		
4.2	256		BSD-442T		160 FT/LBS		
4.2	256	D	5000	72-78	100-110 FT/LBS		
4.4	268		BSD-444		160 FT/LBS		
4.4	268		BSD-444T		160 FT/LBS		
5.0	304		BSD-450T		145 FT/LBS		
5.0	305		GENESIS	95-99	180 FT/LBS		

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD							
6 Cylinders							
2.4	144		FALCON	60-64	75-85 FT/LBS	.996-1.000" CUP W/ 8 1/2" CLUTCH, FLAT W/ 9 1/2" CLUTCH	
2.4	149	L	No Model	84-85	77-85 FT/LBS W/LOCTITE 270	*	
2.5	153	B	PROBE	93-99	45-50 FT/LBS	.800" SEGMENTED CUP	KL01
2.5	155	L	CONTOUR	95-02	54-64 FT/LBS	.275" CUP, 98-> .475"	
2.6	159	P	CAPRI	72-73	45-50 FT/LBS	FLAT	
2.8	170	1	FALCON	61-72	75-85 FT/LBS	.996-1.000" CUP OR FLAT	
2.8	171	P	No Model	74		FLAT	
2.8	171	PX	No Model	75-77		FLAT	
2.8	171	S	BRONCO	83-86	47-52 FT/LBS	FLAT	
2.8	171	Z	CAPRI	74-79		FLAT	
2.9	177	T	BRONCO	86-92	47-52# FLY, 20-34# FLEX	.000-.003 STEP	
2.9	177	V	No Model	87-90	47-52# FLY, 20-34# FLEX	.000-.003" CUP	
2.9	179	BRG	SCORPIO	-95	22 FT/LBS, +85r		
3.0	181	W	VILLAGER	93-99	61-69 FT/LBS	.003-.005 STEP	
3.0	182	1	ESCAPE	01-05	FLEXPLATE 59 FT/LBS		
3.0	182	S	TAURUS	96-04	54-64 FT/LBS		
3.0	182	Y	TAURUS SHO	89-95	29-43,51-58 FT/LBS		
3.0	183	1	TAURUS	97-03	59 FT/LBS		
3.0	183	2	TAURUS	96-03	59 FT/LBS		
3.0	183	U	AEROSTAR	90-99	54-64 FT/LBS	.685 CUP, SOME ENGINES FLAT 1992-94	F02R-6380-AA
3.0	183	U	No Model	86-90	54-64 FT/LBS	FLAT	
3.0	183	U	TAURUS	00-03	54-64 FT/LBS	.865 CUP	F02R-6380-AA
3.2	195	P	TAURUS SHO	93-95	29-37,51-58 FT/LBS		
3.3	200	B	No Model	80-82	75-85 FT/LBS	1.00 CUP OR FLAT	
3.3	200	T	No Model	63-79	75-85 FT/LBS	FLAT, SOME ENGINES .996" CUP IN 1965	C6DE-AA
3.3	200	X	No Model	83	75-85 FT/LBS		
3.3	201	T	VILLAGER	99-02	65 FT/LBS		
3.5	216		YSD-635		43-47 FT/LBS		
3.7	223		No Model	54-64	75-85 FT/LBS	FLAT IN 1964, OTHER YEARS UNKNOWN, NO MIN FROM FORD	
3.7	223		No Model	54-64	75-85 FT/LBS		
3.7	226		No Model	47-52		FLAT	
3.7	226	1	No Model	41-47		FLAT	
3.8	232	3	No Model	82-87	54-64 FT/LBS		
3.8	232	4	No Model	88-95	54-64 FT/LBS	* FLAT	
3.8	232	4	WINDSTAR	96-04	54-64 FT/LBS	* FLAT	
3.8	232	C	No Model	84-85	54-64 FT/LBS		
3.8	232	R	No Model	89-95	54-64 FT/LBS	* FLAT	
3.9	238	6	FREESTAR	04-05	59 FT/LBS		
3.9	240	A	No Model	65-74	75-85 FT/LBS	FLAT	
4.0	242	D	6000	60-70		FLAT	
4.0	244	E	EXPLORER,M	97-01	19-25 FT/LBS, +90r --> USE NEW	FLAT IN 1997, OTHER YEARS UNKNOWN	
4.0	244	X	No Model	90-02	55-59 FT/LBS FLY,20-34 FT/LB FLEX	FLAT IN 1990-97, OTHER YEARS UNKNOWN	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD							
6 Cylinders							
4.0	245	K	EXPLORER	00-04	75-85#, FLEX TO TORQUE CONVRTR=22-30#		
4.1	250	C	No Model	69-80	75-85 FT/LBS	FLAT	
4.1	250	L	No Model	79-81	75-85 FT/LBS	FLAT IN 1980, OTHER YEARS UNKNOWN	
4.2	256	2	F150	97-04	54-64 FT/LBS	* NO SPECS FROM OEM	
4.3	262	L	No Model	61-64	75-85 FT/LBS	FLAT	
4.9	300		CSG-649	65-93	75-85 FT/LBS	FLAT	
4.9	300		No Model	76-85	75-85 FT/LBS	FLAT	
4.9	300	9	No Model	82-84		FLAT	
4.9	300	9	No Model	85-86		FLAT---- MIN. NOT SUPPLIED BY OEM	
4.9	300	B	No Model	73-79		FLAT	
4.9	300	K	No Model	78-79		FLAT	
4.9	300	Y	No Model	83-84	75-85 FT/LBS	FLAT	
4.9	300	Y	No Model	85-86	75-85 FT/LBS	FLAT	
4.9	300	Y	No Model	87-96	75-85 FT/LBS	FLAT	
5.9	359		FD-1060	95-00	97-106 FT/LBS - SEE BELOW ALSO	1.300" NEW, 1.260" MIN	3921263
5.9	362		No Model	69-82	80-90 FT/LBS		
5.9	362	ESD	ESD-659		75-90 FT/LBS		
6.0	363	D	2703/C		80-90 FT/LBS		
6.0	363	D	No Model	64-70	80-90 FT/LBS	FLAT	
6.0	363	ESD	ESD-660T		75-90 FT/LBS		
6.2	380		2725		75-90 FT/LBS		
6.2	380		No Model	69-82	80-90 FT/LBS		
6.2	380	D	2715E		80-90 FT/LBS		
6.2	380	ESD	ESD-662		75-90 FT/LBS		
6.6	401		BSD-666	68-82	160 FT/LBS	2.062 CUP	
6.6	401		BSD-666T	68-94	160 FT/LBS		
6.6	401		BSD-666T(2)	68-82	160 FT/LBS	TB 1687, also one of 2.037-2.047" cup dimension	C7NN-6375-G
6.6	401	P	TRUCK	86-98	125-165 FT/LBS	FLAT, 1.442" MINIMUM	
7.5	456		GENESIS	95-99	180 FT/LBS		
7.5	456		TRACTOR		180 FT/LBS		
7.5	456		TRACTOR, GE	95-99	145 FT/LBS		
7.8	474	A	No Model	86-95	125-165 FT/LBS	2.445 MIN THICKNESS - FLAT	
8.3	505		FD-1460	95-00	101 FT/LBS, HOUSING: 44 FT/LBS	1.300 NEW, 1.260 MIN	3922645
FORD							
8 Cylinders							
2.2	136	OLDER	No Model	37-40		FLAT	
3.4	207	N	TAURUS SHO	96-99	55-61 FT/LBS		
3.6	221	2	No Model	37-45		FLAT	
3.6	221	V	MERCURY CO	62-63	75-85 FT/LBS	* FLAT	
3.9	239		No Model	46-53		FLAT	
3.9	239	OHV	No Model	54	75-85 FT/LBS		
3.9	241	A	LINCOLN LS	00-04	11, 81 FT/LBS		
4.2	255	D	No Model	80-82	75-85 FT/LBS	FLAT	
4.2	255	V-8	No Model	49-53		FLAT	
4.2	256	V8	No Model	44-55		FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD							
8 Cylinders							
4.3	260		MERCURY ME	63-64	75-85 FT/LBS	* FLAT	
4.4	272		No Model	56-66	75-85 FT/LBS	FLAT	
4.6	279		No Model	52-55		FLAT	
4.6	281	6	No Model	96-01	54-64 FT/LBS		
4.6	281	H	MUSTANG	05-05	59 FT/LBS, FLEXPLATE 59 FT/LBS		
4.6	281	V	No Model	93-03	54-64 FT/LBS		
4.6	281	W, 9	CROWN VIC	97-04	54-64 FT/LBS		
4.6	281	W, X	No Model	91-05	54-64 FT/LBS		
4.6	281	Y	MUSTANG	03-05	63 FT/LBS		
4.7	289	A	No Model	66-67	75-85 FT/LBS	* FLAT	
4.7	289	C	No Model	63-68	75-85 FT/LBS	* FLAT	
4.7	289	K	FALCON	64-68	75-85 FT/LBS	* FLAT	
4.8	292		No Model	55-66	75-85 FT/LBS	FLAT	
5.0	302		CSG-850		75-85 FT/LBS		
5.0	302	D	No Model	95-97	75-85 FT/LBS	FLAT	
5.0	302	E	No Model	87-93	75-85 FT/LBS	FLAT	
5.0	302	F	No Model	56-65	75-85 FT/LBS	FLAT	C5AE6380H
5.0	302	F	No Model	68-69		FLAT	
5.0	302	F	No Model	68-73		FLAT	
5.0	302	F	No Model	74-82	75-85 FT/LBS	FLAT	
5.0	302	F	No Model	83-87	75-85 FT/LBS	FLAT	E1ZR6380-AA
5.0	302	F	No Model	84-87	75-85 FT/LBS	FLAT	
5.0	302	F	No Model	88-93	75-85 FT/LBS	* FLAT, NO MINIMUM DIMENSION	
5.0	302	G	No Model	69-71	75-85 FT/LBS		
5.0	302	G	No Model	74-81	75-85 FT/LBS	FLAT	
5.0	302	M	No Model	84-87	75-85 FT/LBS	FLAT	
5.0	302	M	No Model	86-86	75-85 FT/LBS	FLAT	
5.0	302	N	No Model	85-97	75-85 FT/LBS	FLAT	
5.0	302	P	EXPLORER	97-00	75-85 FT/LBS		
5.0	302	T	No Model	91-95	75-85 FT/LBS	FLAT	
5.1	312		FAIRLANE	56-60	75-85 FT LBS		
5.2	317		No Model	52-55		FLAT	
5.4	330	3	F150	99-02	54-64 FT/LBS		
5.4	330	5	F150	04-06	59 FT/LBS		
5.4	330	A	NAVIGATOR	99-01	54-64 FT/LBS		
5.4	330	HD	No Model	66-76	75-85 FT/LBS	FLAT - .965	
5.4	330	L	NAVIGATOR	98-05	54-64 FT/LBS	.570-.580" Cup	
5.4	330	LD	No Model	62-65		FLAT - .965	
5.4	330	R	NAVIGATOR	01-03	54-64 FT/LBS		
5.4	332		No Model	58-59		FLAT	
5.4	332	CAR	No Model	58-59		FLAT	
5.6	341		No Model	55	75-85 FT/LBS		
5.8	351		WSG-858		75-85 FT/LBS		
5.8	351	G	No Model	80-82		FLAT	
5.8	351	G	No Model	83-91	75-85 FT/LBS	FLAT	
5.8	351	G,Q	No Model	75-82	75-85 FT/LBS	FLAT	
5.8	351	H	No Model	69-78	75-85 FT/LBS	FLAT	
5.8	351	H	No Model	79	75-85 FT/LBS		
5.8	351	H	No Model	84-97	75-85 FT/LBS	FLAT	
5.8	351	M	No Model	69-71	75-85 FT/LBS	FLAT	
5.8	351	Q	No Model	68-74	75-85 FT/LBS	FLAT	

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD							
8 Cylinders							
5.8	351	Q	No Model	70-74	75-85 FT/LBS	FLAT	
5.8	351	R	F150	93-96	75-85 FT/LBS	FLAT	
5.8	352		No Model	58-67		FLAT	
5.9	360	Y	No Model	68-78	75-85 FT/LBS	FLAT - .965	
5.9	361		RANGER	58-58	75-85 FT/LBS	FLAT	
5.9	361	HD	No Model	66-78	75-85 FT/LBS	FLAT	D2TE-A D2TE-C
6.0	365	P	TRUCK	02-05	69 FT/LBS		
6.0	368		No Model	56-57	75-85 FT/LBS	FLAT	
6.1	370	7	No Model	79-94	75-85 FT/LBS	1.005 MIN *	D9TE-6380-AB D9TE-6380-BB
6.1	370	H	No Model	79-93	75-85 FT/LBS	1.005 MIN *	
6.3	383		No Model	57-61	75-85 FT/LBS	FLAT	
6.4	390	H	No Model	61-76	75-85 FT/LBS	FLAT - .965	C4TE-6308-K
6.4	390	M	No Model	68-76		FLAT - .965	
6.4	391	HD	No Model	64-79	75-85 FT/LBS	FLAT	C4TE-6308-J
6.6	400	S	No Model	71-79	75-85 FT BS	FLAT IN 1973-79, OTHER YEARS UNKNOWN	
6.6	400	Z	No Model	79-82	75-85 FTLBS	FLAT	
6.7	406	B	No Model	62-63		FLAT - .965	
6.7	410		No Model	66-67		FLAT	
6.7	410	58	No Model	58-58	75-85 FT/LBS		
6.9	420	1	No Model	83-88	47 FT/LBS W/SEALER	* 1.479-1.481 NEW, 1.410 MIN	1803217 1895256
7.0	427		FE MARINE	63-68	75-85 FT/LBS	FLAT	
7.0	427	R, W	FE	63-68	75-85 FT/LBS	FLAT	
7.0	427	SOHC	SOHC427	64-67	75-85 FT/LBS	FLAT, USE STEEL FLYWHEEL	
7.0	428		FE	66-70	75-85 FT/LBS	FLAT	
7.0	429		BOSS	69-70	75-85 FT/LBS		
7.0	429	8	No Model	89-96		1.475 CUP, 1.005 MIN *	D9TE-6303-AB
7.0	429	J	No Model	91-95	75-85 FT/LBS	1.475 CUP, 1.005 MIN *	D9TE-6303-AB
7.0	429	K	No Model	79-90	75-85 FT/LBS	1.475 CUP, 1.005 MIN *	D9TE-6380-AB
7.0	429	N	No Model	68-73	75-85 FT/LBS	FLAT	
7.0	430	K	EDSEL	58-65	75-85 FT/LBS		
7.3	444	F	No Model	95-05	89 FT/LBS	* FLAT, MIGHT HAVE A NAVISTAR NEW 1.804" AND 1.768" MIN	1301V
7.3	444	K	No Model	94-95	47 FT/LBS	* FLAT	
7.3	444	M	No Model	88-94	47 FT/LBS	* 1.410 MIN. FOR FLAT FLYWHEEL , SEE TB-1013 DUAL MASS	346Y
7.5	460		LSG875		75-85 FT/LBS	FLAT	
7.5	460	A	No Model	68-73	75-85 FT/LBS		
7.5	460	A	No Model	74-78	75-85 FT/LBS		
7.5	460	C	No Model	78	75-85 FT/LBS		
7.5	460	G	No Model	87-98	75-85 FT/LBS	1.005" MIN. THICKNESS.**	D9TE-6380-AB D9TE-6380-BB
7.5	460	J	No Model	74-79	75-85 FT/LBS		
7.5	460	L	No Model	79-87	75-85 FT/LBS	FLAT	
7.5	460	SVO	No Model	87-97	75-85 FT/LBS		D9TE-6380-BB
7.8	475		No Model	73-79	100-110 FT/LBS	1.477 CUP	
7.8	477	GAS	No Model	78-81	100-110 FT/LBS	1.477 CUP	
8.8	534		No Model	58-81	100-110 FT/LBS	1.477 CUP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
FORD				10 Cylinders			
6.8	413	S	No Model	97-05	54-64 FT/LBS	.587" PEDISTAL HEIGHT	XL3E-6375-CA
GM				3 Cylinders			
1.0	61	5	SPRINT	86-88	42-48 FT/LBS	.197 CUP	
1.0	61	6	FIREFLY	89-00	42-48 FT/LBS	.105-.110 CUP	
1.0	61	M	SPRINT	85	41-47 FT/LBS	.1969 CUP	
GM				4 Cylinders			
1.3	79	2	METRO	98-00	42-48 FT/LBS		
1.3	79	2	METRO	98-00	69 FT/LBS AUTOMATIC, 57 FT/LBS MANUAL		
1.3	79	9	METRO	95-96	45 FT/LBS	FLAT	
1.3	79	9	TRACKER	92-94		.196" CUP	
1.4	85	I	CHEVETTE	76-77	40-52 FT/LBS	FLAT	
1.5	90	9	SPECTRUM	86-88	22 FT/LBS + 45°	.795" CUP	4SD725
1.5	92	7	SPECTRUM	87-89	22 FT/LBS + 45^	FLAT	
1.5	92	K	SPECTRUM	85-87	22 FT/LBS + 45°	FLAT	15030
1.6	97	4	NOVA	85-88	55-61 FT/LBS	.018-.022 CUP	
1.6	97	5	PRIZM	89-90	FLY 54 FT/LBS, FLEX 47 FT/LBS	+0.020" STEP DISC SURFACE HIGHER	
1.6	97	5	STORM	90-91	47# AUTOMATIC, 58# MANUAL *	.780-.787" CUP	
1.6	97	6	PRIZM	89-94	54 FT/LBS FLY, 47 FT/LBS FLEX	+0.020' STEP DISC SURFACE HIGHER	
1.6	97	6	PRIZM	95-97	47 FT/LBS AUTOMATIC *	.020" STEP	
1.6	97	6	STORM	90-96	47# AUTOMATIC, 58# MANUAL *	.780-.787" CUP **	
1.6	97	6	TRACKER	95-99	58 FT/LBS	FLAT	
1.6	97	U	TRACKER	89-96	58 FT/LBS	.1969 CUP OR FLAT	
1.6	97	U	TRACKER	95-97	58 FT/LBS	FLAT	
1.6	98	0	CHEVETTE	79-80		FLAT	
1.6	98	6	AVEO	04-05	26 FT/LBS, +30r, +15r		
1.6	98	6	LE MANS	88-90	25 FT/LBS +30-45^	.078-.080 CUP	
1.6	98	6	LE MANS	91-93	25# + 40-50° USE NEW BOLTS		
1.6	98	9	CHEVETTE	80-82		FLAT	
1.6	98	C	CHEVETTE	82-87	50 FT/LBS	FLAT	
1.6	98	E	CHEVETTE	76-77	40-52 FT/LBS	FLAT	
1.6	98	E	CHEVETTE	78-79	40-52 FT/LBS	FLAT	
1.6	98	O	TRACKER	98	58 FT/LBS	FLAT	
1.8	108	8	PRIZM	92-04	47 FT/LBS (AUTOMATIC)*	+0.020" STEP DISC SURFACE HIGHER	
1.8	108	LV6	PRIZM	93-94		+0.020" STEP DISC SURFACE HIGHER	
1.8	110		LUV	76-86	69 FT/LBS	.015 STEP	
1.8	110	2	LUV	72-75		.015 STEP	
1.8	110	8	STORM	92-93	22 FT/LBS,+50^ M/T: 58 FT/LBS	.790" CUP	
1.8	110	8	VIBE	00-05	36 FT/LBS, +90r	.020" STEP	
1.8	111	D	CHEVETTE	81-86	40 FT/LBS	.008" CUP (.203 MM)	
1.8	112	G	No Model	81-85	45 FT/LBS	.008" CUP	
1.8	112	J	No Model	84-87	45 FT/LBS	FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM							
4 Cylinders							
1.8	112	O	No Model	82-87	45 FT/LBS	FLAT	
1.9	116	7	SATURN	90-02	59 FT/LBS FLY, 44 FT/LBS FLEX	1.102 MIN THICKNESS, FLAT	21001186
1.9	116	8	SATURN	93-02	59 FT/LBS FLY, 44 FT/LBS FLEX	1.102 MIN THICKNESS, FLAT	
1.9	116	9	SATURN	90-94	59 FT/LBS FLY, 44 FT/LBS FLEX	1.102 MIN THICKNESS, FLAT	
1.9	119	A	LUV	82-85	76 FT/LBS	FLAT	3519
2.0	121	P	No Model	82-86	45-63 FT/LBS	FLAT	
2.0	121	Y	S-10	82-84	45-59 FT/LBS	FLAT	
2.0	122	1	No Model	87-89	45-63 FT/LBS	FLAT	
2.0	122	B	No Model	82-86		.625 NEW THICKNESS, FLAT FLYWHEEL (1983-84)	14018712
2.0	122	C	TRACKER	99-01	51 FT/LBS		
2.0	122	COSW	VEGA	75-76	60 FT/LBS	.125 CUP	
2.0	122	H	SUNBIRD	90-95	48# (+30° MAN.TRANS) USE NEW	FLAT	
2.0	122	K	No Model	87-91	48 FT/LBS	FLAT - .750	
2.0	122	K	No Model	88-91	55 FT/LBS, AUTO:52 FT/LBS NEW BLT	FLAT - .750	
2.0	122	M	No Model	87-90	48 FT/LBS	FLAT - .750	
2.0	122	M	No Model	88-90	55FT/LBS,AUTO:52F T/LBS NEW BLT	FLAT - .750	
2.2	134	4	CAVALIER	91-94	55 FT/LBS	* FLAT	
2.2	134	4	CAVALIER	94-97	55 FT/LBS	FLAT NO SPECS FROM GM	
2.2	134	4	CAVALIER	98-02	55 FT/LBS		
2.2	134	5	TRUCK	00-01	.0039-.0149" (.099-.378 MM)		
2.2	134	D	SATURN	02-03	39 FT/LBS, +25r FLYWHEEL OR FLEXPLATE	** REPLACE ALL BOLTS! **	
2.2	134	F	CAVALIER	00-05	39 FT/LBS, +25° FLYWHEELOR FLEXPLATE **	** REPLACE ALL BOLTS **	
2.2	134	G	No Model	90-91	55 FT/LBS	FLAT	
2.2	137	S	LUV	81-85	65-72 FT/LBS	.008" CUP 1980-82, FLAT 1984-85	
2.3	138	3	ACHIEVA	92-95	22 FT/LBS + 45°	FLAT	
2.3	138	A	No Model	88-95	22 FT/LBS + 45°	FLAT	
2.3	138	D	No Model	88	22 FT/LBS + 45^	FLAT	
2.3	138	D	No Model	89-94	22 FT/LBS + 45°	FLAT	
2.3	138	D	No Model	94-95	22 FT/LBS, + 45^	.788 CUP 1995->, 1992-94 IS FLAT	24574449
2.3	140	A	VEGA	74-75		.125 CUP	
2.3	140	A	VEGA	76-77	60 FT/LBS	.125 CUP	
2.3	140	V	VEGA	71-76		.125 CUP	
2.4	146	T	ACHIEVA	96-02	22 FT/LBS + 45°	FLAT, GM says replace cup style .785" flywheel 1997 UP	
2.5	151	1	No Model	77-79	55 FT/LBS FLEX, 65 FT/LBS FLY	.125 CUP	
2.5	151	2	No Model	82-86	55 FT/LBS FLEX, 65 FT/LBS FLY	FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM				4 Cylinders			
2.5	151	5	No Model	79-83	55 FT/LBS FLEX, 65 FT/LBS FLY	.125" CUP OR FLAT	
2.5	151	9	No Model	79-79	55 FT/LBS FLEX, 65 FT/LBS FLY	.125 CUP	
2.5	151	A	S-10	91-93	55 FT/LBS FLEX, 65 FT/LBS FLY	.125 CUP, OR FLAT	10032474
2.5	151	E	No Model	85-87	55 FT/LBS FLEX, 65 FT/LBS FLY	FLAT	
2.5	151	E	S-10	87-91	55 FT/LBS FLEX, 65 FT/LBS FLY	.125 CUP, OR FLAT	10032474
2.5	151	F	No Model	82-83	55 FT/LBS FLEX, 65 FT/LBS FLY	.125" CUP OR FLAT	
2.5	151	R	FIERO	83-86	55 FT/LBS FLEX, 65 FT/LBS FLY	FLAT	
2.5	151	R	No Model	82-83	55 FT/LBS FLEX, 65 FT/LBS FLY	.125" CUP OR FLAT	
2.5	151	R	No Model	87-88	55 FT/LBS FLEX, 65 FT/LBS FLY	FLAT	
2.5	151	R	No Model	89	55 FT/LBS FLEX, 65 FT/LBS FLY	FLAT	
2.5	151	R	No Model	90-92	65 FT/LBS FLY, 55 FT/LBS FLEX	FLAT	
2.5	151	U	No Model	85-86	55 FT/LBS FLEX, 65 FT/LBS FLY	FLAT	
2.5	151	U	No Model	87-88	55 FT/LB FLEX, 65 FT/LBS FLY	FLAT	
2.5	151	U	No Model	89-91	65 FT/LBS FLY, 55 FT/LBS FLEX	FLAT	
2.5	151	V	No Model	78-80	55 FT/LBS FLEX, 65 FT/LBS FLY	.125" CUP	
2.5	153	IND	No Model	62-80		.125 CUP	
2.8	170	8	COLORADO	04-05	18 FT/LBS, +50r		
3.2	195	P	TEMPEST	61-63		FLAT BORG & BECK THREE FINGER	
3.9	235	K	No Model	85-94	115 FT/LBS	FLAT 1989-91	
GM				5 Cylinders			
3.5	213	6	COLORADO	04-06	18 FT/LBS, +50r		
GM				6 Cylinders			
2.3	140	B	VEGA	76-77	60 FT/LBS	.125 CUP	
2.7	164		CORVAIR	64-69	45 FT/LBS		
2.8	173	1	No Model	82-85	52 FT/LBS	* FLAT	14033092N
2.8	173	7	No Model	79-80	52 FT/LBS	*	
2.8	173	9	FIERO	85-88	52 FT/LBS	* FLAT	
2.8	173	B	No Model	82-85	45-59 FT/LBS	* FLAT	
2.8	173	R	SONOMA	86-93	52 FT/LBS	* FLAT	
2.8	173	S	No Model	85-92	52 FT/LBS	* FLAT	
2.8	173	W	No Model	85-86	45-55 FT/LBS	* FLAT	
2.8	173	W	No Model	87-89	52 FT/LBS	* FLAT	
2.8	173	X	No Model	80-86	52 FT/LBS	* FLAT	
2.8	173	Z	No Model	82-84	52 FT/LBS	* FLAT	
3.0	181	E	No Model	82-85	FLEX 60 FT/LBS	.125 CUP	
3.0	181	L	No Model	85-86	60 FT/LBS		
3.0	181	L	No Model	87-88	60 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM							
6 Cylinders							
3.0	181	R	CATERA	97-04	65 FT/LBS, +30°, +15°		
3.1	191	D	LUMINA	90-95	52 FT/LBS	FLAT	
3.1	191	J	No Model	00-03	61 FT/LBS	FLAT	
3.1	191	M	No Model	93-99	61 FT/LBS	FLAT	
3.1	191	T	FIREBIRD	89-94	52 FT/LBS	FLAT	
3.1	191	V	GRAND PRIX	89-90	52 FT/LBS		
3.2	194	L	No Model	62-72	60 FT/LBS	FLAT	
3.2	195	N	CADILLAC	03-05		PILOT BRG INSTALLED DEPTH .3445-.3641" (8.750-9.250 MM) .125" CUP IN 1978, .213" STEP IN 1979	
3.2	196	C	No Model	78-79	60 FT/LBS		
3.2	198	198	No Model	62-65	50-60 FT/LBS		
3.3	200	M	No Model	78-79	60 FT/LBS	FLAT	
3.3	204	N	No Model	89-93	11 FT/LBS + 50°		
3.4	204	E	GRAND AM	96-04	60 FT/LBS		
3.4	207	M	ALERO	99-00	52 FT/LBS		
3.4	207	S	CAMARO	93-95	61 FT/LBS	FLAT	
3.4	207	X	CUTLASS	95-97	60 FT/LBS		
3.4	207	X	No Model	91-95	61 FT/LBS	FLAT	14100560
3.5	212	H	No Model	98-03	11 IN/LBS + 50°		
3.5	214	8	MALIBU	04-06	52 FT/LBS		
3.5	215		TEMPEST	64-65	55-65# A/T, 60-75# M/T	FLAT	
3.5	216		No Model	37-52		FLAT	
3.6	217	7	CADILLAC	04-06	22 FT/LBS, +45r		
3.7	225	B	No Model	64-67	50-60 FT/LBS	FLAT	
3.8	229	9	No Model	83-84	60 FT/LBS		
3.8	229	K	No Model	80-82		FLAT	
3.8	230		No Model	65-68		FLAT	
3.8	230	L	No Model	63-70		FLAT	
3.8	231	1	No Model	92-94	61 FT/LBS, 1992: 26# + 50°	*	
3.8	231	1	No Model	95-05	11 FT/LBS + 50° *****	* ***** REPLACE ALL ENGINE BOLTS *****	
3.8	231	2	No Model	78	FLEX 60 FT/LBS	.125 CUP	
3.8	231	2	No Model	79	FLEX 60 FT/LBS	.125 CUP	
3.8	231	3	No Model	78-81	FLEX 60 FT/LBS	.125 CUP	
3.8	231	3	No Model	82	FLEX 60 FT/LBS	.125 CUP	
3.8	231	3	No Model	84-86	FLEX 60 FT/LBS	.125 CUP	
3.8	231	3	No Model	85-86	60 FT/LBS	.125 CUP	
3.8	231	3	No Model	87-88	60 FT/LBS	.125 CUP	
3.8	231	7	GRAND NATI	86-88	60 FT/LBS	.125 CUP	
3.8	231	8	No Model	83	FLEX 60 FT/LBS	.125 CUP	
3.8	231	9	No Model	84-85	60 FT/LBS	.125 CUP	
3.8	231	A	No Model	78-81	FLEX 60 FT/LBS	FLAT, EXCEPT 1979 SUNBIRD WITH A .213" STEP *	
3.8	231	A	No Model	82	FLEX 60 FT/LBS		
3.8	231	A	No Model	83-87	FLEX 60 FT/LBS		
3.8	231	B	No Model	86-87	60 FT/LBS		
3.8	231	C	No Model	75-77	FLEX 60 FT/LBS	.125 CUP	
3.8	231	C	No Model	88	60 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM							
6 Cylinders							
3.8	231	C	No Model	88-91	11 FT/LBS + 50° TURN	*	
3.8	231	G	No Model	78	FLEX 60 FT/LBS	.125 CUP	
3.8	231	K	No Model	95-04	11 FT/LBS + 50°	*	
3.8	231	L	No Model	91-94	1991 61 FT/LBS, 1992 26 FT/LBS + 50° **	*	
3.8	231	L	No Model	95-01	11 FT/LBS, + 50°		
3.9	235		No Model	49-62	50-65 FT/LBS	FLAT	
4.1	250	D	No Model	77-78		FLAT	
4.1	250	D	No Model	78-80		FLAT	
4.1	250	D	No Model	81-85	60 FT/LBS	FLAT	
4.1	250	OHC	FIREBIRD	66-69		FLAT	
4.1	250	Q	No Model	66-75		FLAT	
4.1	252	4	No Model	80-81	FLEX 60 FT/LBS		
4.1	252	4	No Model	82-84	60 FT/LBS		
4.2	256	S	TRAILBLAZER	02-05	18 FT/LBS, +50r		
4.2	261		No Model	54-62		FLAT	
4.3	260	T	No Model	82-85	RWD: 57 FT/LBS, FWD: 76 FT/LBS		
4.3	260	V	No Model	82-85	RWD: 57 FT/LBS, FWD: 76 FT/LBS		
4.3	261		No Model	59-62	55-65 FT/LBS	FLAT	
4.3	262	B	No Model	90-91	75 FT/LBS	FLAT	
4.3	262	N	No Model	85-86	60 FT/LBS	FLAT	
4.3	262	R	No Model	92-95	75 FT/LBS		
4.3	262	W	No Model	92-04	75 FT/LBS	FLAT (THRU 1998, 1999 & UP - SPEC UNAVAILABLE)	14103283 N
4.3	262	X	No Model	96-00	75 FT/LBS	FLAT (THRU 1998, 1999 & UP - SPEC UNAVAILABLE)	
4.3	262	Z	No Model	85-86	75 FT/LBS	FLAT	
4.3	262	Z	No Model	86-97	75 FT/LBS	FLAT	
4.4	270		No Model	45-62		FLAT	
4.8	292	T	No Model	63-73		FLAT	
4.8	292	T	No Model	78-90	110 FT/LBS	FLAT	
5.0	305	A	No Model	60-75	100-105 FT/LBS	FLAT	
5.7	351	D	No Model	65		FLAT	
5.8	351	C	No Model	65-72		FLAT	
5.8	351	D	No Model	65-72		FLAT	
6.2	379		No Model	73-76		FLAT	
6.6	401	M	No Model	73-77	100-110 FT/LBS	FLAT	
7.8	478		No Model	65-77	100-110 FT/LBS	FLAT	
7.8	478	M	No Model	65-77		FLAT	
GM							
8 Cylinders							
3.5	215		No Model	61-63	50-60 FT/LBS		
3.5	215		No Model	61-63	50-60 FT/LBS	*	
4.0	244	C	AURORA	95-01	11 FT/LBS, +50° USE NEW BOLTS		
4.1	252	7	No Model	87-88	37 FT/LBS		
4.1	252	8	ELDORADO	87	35 FT/LBS		
4.1	252	8	No Model	82-86	16MM HEAD=37, 17MM = 63 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM							
8 Cylinders							
4.3	260	8	No Model	75-76		FLAT	
4.3	260	8	No Model	77-82		FLAT	
4.3	260	F	No Model	75-76		FLAT	
4.3	260	F	No Model	77-81	60 FT/LBS (A/T), 90# (M/T)	FLAT	
4.3	262	G	No Model	75-76		.125" CUP	
4.3	263	263	No Model	50-53	50-55 FT/LBS		
4.3	264	B	No Model	53-56	50-55 FT/LBS		
4.3	265	(1)	No Model	55-57	55-65 FT/LBS	FLAT	
4.3	265	W	CAPRICE	94-96	74 FT/LBS		
4.4	267	J	No Model	79-82		FLAT	
4.4	268	PONT	No Model	50-53	105 FT/LBS		
4.5	272	3	No Model	90	70 FT/LBS		
4.5	272	5	No Model	88	16MM HEAD: 70 FT/LBS		
4.6	279	9	NORTHSTAR	93-03	11 FT/LBS, + 50°		
4.6	279	Y	NORTHSTAR	93-03	11 FT/LBS, + 50°		
4.6	283		No Model	56-67		FLAT	
4.7	287		CHIEFTAN	55-55	95 FT/LBS		
4.8	293	V	No Model	99-02	15, 37, 74 FT/LBS		
4.9	300	B	No Model	91-95	70 FT/LBS		
4.9	300	BUICK	No Model	64-67		FLAT	
4.9	301	P	No Model	77-81	95 FT/BLS	FLAT	
4.9	301	T	No Model	77-81		FLAT	
4.9	301	W	No Model	79-81	95 FT/LBS	FLAT	
4.9	301	Y	No Model	77-79	95 FT/LBS	FLAT	
5.0	302	302	Z-28	67-69	65 FT/LBS	FLAT	
5.0	303	OLDS	No Model	49-53	85-95 FT/LBS		
5.0	305	7	No Model	82		FLAT	
5.0	305	E	CAMARO	88-92	74 FT/LBS	1.200" NEW THICKNESS, FLAT FLYWHEEL	
5.0	305	F	No Model	81-87	60 FT/LBS	FLAT	14088647N
5.0	305	F	No Model	88-92	60 FT/LBS	1.200" NEW THICKNESS, FLAT FLYWHEEL	
5.0	305	G	No Model	76-79	60 FT/LBS	FLAT (EXCEPT MONZA & SUNBIRD: 213" STEP)	
5.0	305	G	No Model	80-81		FLAT	
5.0	305	G	No Model	84-88	60 FT/LBS	FLAT	
5.0	305	H	No Model	78-88	60 FT/LBS	FLAT	
5.0	305	H	No Model	89-95	74 FT/LBS	FLAT	
5.0	305	M	No Model	96-99	74 FT/LBS	FLAT	
5.0	305	Q	No Model	76		FLAT (EXCEPT MONZA: 213" STEP)	
5.0	305	S	No Model	83	60 FT/LBS	FLAT	
5.0	305	U	No Model	77-79	60 FT/LBS	FLAT (EXCEPT MONZA & SUNBIRD: .213" STEP)	
5.0	307	307	No Model	68-73		FLAT	
5.0	307	9	No Model	87-90	60 FT/LBS		
5.0	307	Y	No Model	81-88	60 FT/LBS		
5.2	316	P	CHIEFTAIN	56-56	95 FT/LBS	FLAT	
5.3	322	B	No Model	53-56	50-55 FT/LBS	FLAT	
5.3	324	O	No Model	54-56	85-95 FT/LBS		
5.3	325	P	TRUCK	03-05	15, 37, 74 FT/LBS		
5.3	325	T	No Model	99-05	15, 37, 74 FT/LBS		
5.3	326	P	No Model	63-67	85-100 FT/LBS	FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM		8 Cylinders					
5.4	327	L	No Model	62-67		FLAT	
5.4	327	L	No Model	68-69	60 FT/LBS	FLAT	
5.4	330	O	No Model	64-67		FLAT	
5.4	331	CAD	No Model	49-55	80-85 FT/LBS		
5.5	336		No Model	57-59	85-100 FT/LBS	FLAT	
5.5	336	P	No Model	57-59		FLAT	
5.6	340	B	No Model	64-67		FLAT	
5.6	347		CHIEFTAIN	57-57		FLAT	
5.7	346	G	CAMARO	97-04	1ST 15, 2ND 37, 3RD 74 FT/LBS	FLAT	
5.7	346	S	CORVETTE	01-04	15,37,74 FT/LBS		
5.7	348		No Model	58-65	55-65 FT/LBS	FLAT	
5.7	350		ZZZ ENGINE 3	89-06	65-70 FT/LBS	OIL PUMP TO REAR CRANK BRG CAP 65 FT/LBS	
5.7	350	4	No Model	78-79	60 FT/LBS	FLAT	
5.7	350	5	CORVETTE	96-96	74 FT/LBS	FLAT	
5.7	350	6	No Model	80-88	60 FT/LBS	FLAT	
5.7	350	7	No Model	89-95	74 FT/LBS	FLAT	1409155N
5.7	350	8	CAMARO, COR	85-92	60 FT/LBS	FLAT	1409155N 14091599N
5.7	350	B	No Model	78-79	60 FT/LBS	FLAT	
5.7	350	H	No Model	68-74		FLAT	
5.7	350	H	No Model	73-77	60 FT/LBS	FLAT	
5.7	350	J	CORVETTE	89-95	74 FT/LBS EVENLY & CRISSCROSS	FLAT	1409155N
5.7	350	J	No Model	75-77	60 FT/LBS	FLAT	
5.7	350	K	No Model	70-75		FLAT	
5.7	350	K	No Model	86-96	65 FT/LBS	* FLAT	1409155N
5.7	350	L	No Model	76		FLAT	
5.7	350	L	No Model	77-82	60 FT/LBS, FLY HOUSING: 30 FT/LBS	FLAT	
5.7	350	L	No Model	83-86	60 FT/LBS	FLAT	
5.7	350	L	No Model	89-92	65 FT/LBS	FLAT	1409155N
5.7	350	M	No Model	79-88	65 FT/LBS	FLAT	
5.7	350	N	No Model	78-80	60 FT/LBS		
5.7	350	N	No Model	81-85	60 FT/LBS		
5.7	350	P	CAMARO	92-97	74 FT/LBS	FLAT	1409155N
5.7	350	P	No Model	68-77	95 FT/LBS	FLAT	
5.7	350	P	No Model	80-83	65 FT/LBS	FLAT	
5.7	350	R	No Model	69-76	AUTO 50-65 FT/LBS MANUAL 85-95 FT/LBS	FLAT	
5.7	350	R	No Model	77-80	60# (A/T), 90# (M/T)	FLAT	
5.7	350	R	No Model	96-02	74 FT/LBS	FLAT	
5.7	350	V	No Model	74-76		FLAT	
5.7	350	X	No Model	77-80	60 FT/LBS	FLAT	
5.7	350	Y	No Model	68-75	60 FT/LBS	FLAT	
5.7	350	Z	No Model	78-79	60 FT/LBS		
5.7	350	Z	No Model	80	60 FT/LBS		
5.7	350	Z	No Model	80-81	60 FT/LBS		
6.0	364	B	No Model	57-61	50-60 FT/LBS		
6.0	364	N	ESCALADE	02-03	15, 37, 74 FT/LBS		
6.0	364	U	CORVETTE	05-05	15, 37, 74 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM							
8 Cylinders							
6.0	364	U	No Model	99-04	15, 37, 74 FT/LBS		
6.0	365		No Model	56-58	75-80 FT/LBS		
6.0	366	B	No Model	68-90	67 FT/LBS	FLAT	3986184
6.0	366	P	No Model	89-90	67 FT/LBS	FLAT	
6.0	366	P	No Model	91-98	67 FT/LBS	FLAT	
6.0	368	6	No Model	80-84	75 FT/LBS		
6.0	368	9	No Model	80-84	75 FT/LBS		
6.1	371		No Model	57-60	85-95 FT/LBS		
6.2	379	C	No Model	82-86	65 FT/LBS	* FLAT	
6.2	379	C	No Model	87-93	65 FT/LBS	* FLAT	
6.2	379	J	No Model	82-86	65 FT/LBS	* FLAT	
6.2	379	J	No Model	87-93	65 FT/LBS	* FLAT	
6.4	389	389	No Model	59-66		FLAT	
6.4	390		No Model	63	75 FT/LBS		
6.5	394	OLDS	No Model	59-64	85-95 FT/LBS		
6.5	396		No Model	65-72	60 FT/LBS	FLAT	
6.5	397	7	No Model	98-99	65 FT/LBS	* .215 STEP (REPORTED)	15691851
6.5	397	F	No Model	92-00	65 FT/LBS	* FLAT, (.215" STEP REPORTED)	15691851
6.5	397	P	No Model	94-95	65 FT/LBS	* FLAT, (.215" STEP REPORTED)	
6.5	397	S	No Model	94-00	65 FT/LBS	* FLAT, (.215" STEP REPORTED)	
6.5	397	Y	No Model	94-99	66 FT/LBS	* FLAT, (.215" STEP REPORTED)	
6.6	400	B	No Model	67-69		FLAT	
6.6	400	L	No Model	70-78	60 FT/LBS	FLAT (1970-75)	3986394
6.6	400	M	No Model	75-76	60 FT/LBS	FLAT	3986394
6.6	400	P	No Model	72-75	95 FT/LBS	FLAT	
6.6	400	R	No Model	74-75	95 FT/LBS	FLAT	
6.6	400	R	No Model	77-80		FLAT (IN 1980)	3986394
6.6	400	RO	No Model	65-69	75-85 FT/LBS WITH THREAD LOCKER	FLAT	
6.6	400	RO	No Model	68-69	75-85 FT/LBS WITH THREAD LOCKER		
6.6	400	S	FIREBIRD	67-79	95 FT/LBS	FLAT	
6.6	400	S	No Model	75-75	95 FT/LBS		
6.6	400	T	No Model	72-77	95 FT/LBS	FLAT	
6.6	400	X	No Model	79-80		FLAT	3986394
6.6	400	Z	No Model	77-79	95 FT/LBS	FLAT	
6.6	401	B.	No Model	59-66	200 FT/LBS MIN	.656 CUP	
6.6	402		No Model	70-72	60 FT/LBS	FLAT	
6.6	403	1	TRUCK	01-05	58 FT/LBS, +60°, +60°		15047339
6.6	403	K	No Model	77-77	AUTO: 60 FT/LBS MAN: 90 FT/LBS		
6.6	403	K	No Model	78-79	AUTO: 60 FT/LBS MAN: 90 FT/LBS		
6.6	403	R	No Model	77-81	AUTO: 60 FT/LBS MAN: 90 FT/LBS		
6.7	409		No Model	59-66		FLAT	
6.9	421	P	BONNEVILLE	61-66		FLAT	
6.9	421	P	BONNEVILLE	61-66		FLAT	
7.0	425	O	No Model	65-67	75-85 FT/LBS WITH THREAD LOCKER	FLAT	

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM							
8 Cylinders							
7.0	425	S	No Model	77-79	75 FT/LBS		
7.0	425	T	No Model	77-79	75 FT/LBS		
7.0	427	L	No Model	66-90	67 FT/LBS	FLAT IN 1966-69 & 1977-90, 1970-77 IS UNKNOWN	
7.0	427	M	No Model	91-96	67 FT/LBS	FLAT	
7.0	427	Y/E	CORVETTE	-06	22 FT/LBS +40r		
7.0	428	P	No Model	67-69		FLAT	
7.0	429	CAD	No Model	63-67	75 FT/LBS		
7.0	430	B	No Model	67-69		FLAT	
7.4	454	B	No Model	99-01	65 FT/LBS		12556919
7.4	454	D	No Model	99-01	65 FT/LBS		12556919
7.4	454	J	No Model	96-00	67 FT/LBS	FLAT	12556919 140022N 14096805
7.4	454	L	No Model	75-76	65 FT/LBS	FLAT	140022N
7.4	454	N	No Model	87-90	65 FT/LBS	FLAT	3935411 3993457
7.4	454	N	No Model	91-97	65 FT/LBS	FLAT, .967" CRANK FLANGE TO DISC SURFACE	10101171 140022N 140226N 14096805
7.4	454	S	No Model	76-79	65 FT/LBS	FLAT	
7.4	454	S	No Model	80-81	65 FT/LBS	FLAT	140022N
7.4	454	S	No Model	98-00	65FT/LBS		12556919
7.4	454	W	No Model	80-86	65 FT/LBS	FLAT	
7.4	454	W	No Model	87-90	65 FT/LBS	FLAT	
7.4	454	Y	No Model	76-78	65 FT/LBS	FLAT	
7.4	454	Z	No Model	70-75	65 FT/LBS	FLAT	140022N 3993457
7.5	455	B	No Model	70-76	58 FT/LBS	FLAT	
7.5	455	P	No Model	70-76	95 FT/LBS	FLAT	
7.5	455	R	No Model	68-76	75-85 FT/LBS WITH THREAD LOCKER	FLAT	
7.5	455	S	No Model	74-76	75-85 FT/LBS WITH THREAD LOCKER		
7.5	455	T	No Model	74-76	75-85 FT/LBS WITH THREAD LOCKER	FLAT	
7.5	455	U	No Model	74-74	75-85 FT/LBS WITH THREAD LOCKER	FLAT	
7.5	455	V	No Model	74-74	75-85 FT/LBS WITH THREAD LOCKER	FLAT	
7.5	455	W	No Model	71-76	95 FT/LBS		
7.5	455	W	No Model	72-75	75-85 WITH THREAD LOCKER	FLAT	
7.5	455	X & Y	No Model	71-76	95 FT/LBS	FLAT	
7.7	472	R	No Model	68-74	75 FT/LBS		
8.1	496	E	No Model	01-04	30, 59, 74 FT/LBS		
8.1	496	G	SAVANA	01-04	30, 59, 74 FT/LBS		
8.2	500		No Model	70-73	75 FT/LBS		
8.2	500	F	No Model	80-91	64-74 FT/LBS		
8.2	500	G	No Model	80-91	64-74 FT/LBS		
8.2	500	S	No Model	70-76	75 FT/LBS		
8.2	502		ENGINE 502	96-01	70 FT/LBS, COUPLER 35 FT/LBS		14096805

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
GM				8 Cylinders			
8.2	502		ZZ ENGINE 502	00-06	65 FT/LBS		
HANOMAG				4 Cylinders			
6.3	387		D942		188-216 FT/LBS		
HANOMAG				6 Cylinders			
9.5	580		D962B		188-216 FT/LBS		
9.5	580		D962K		188-216 FT/LBS		
HARLEY DAVIDSON				2 Cylinders			
1.0	60		PANHEAD	48-65	GEAR SHAFT NUT 100 FT/LBS		
1.2	74		No Model	55-65	170# GEAR SHAFT - SEE BELOW		
1.2	74		PANHEAD	48-54	GEAR SHAFT NUT 100 FT/LBS		
HATZ				2 Cylinders			
1.2	70		Z788		107 FT/LBS		
1.3	78		Z789		107 FT/LBS		
1.5	90		L31		148 FT/LBS		
1.7	105		L40		148 FT/LBS		
HATZ				3 Cylinders			
2.2	134		L31		148 FT/LBS		
2.6	157		L40		148 FT/LBS		
HATZ				4 Cylinders			
2.9	179		L31		148 FT/LBS		
3.4	209		L40		148 FT/LBS		
HENRY				4 Cylinders			
2.2	134		No Model	53-71	36-40 FT/LBS	FLAT	
HERCULES				3 Cylinders			
2.1	130		GO-130		80 FT/LBS		
2.4	149		D-1500		80 FT/LBS		
2.4	149		GO-149		80 FT/LBS		
2.8	169		D-1700		80 FT/LBS		
HERCULES				4 Cylinders			
2.3	141		G1400		75-85 FT/LBS		
2.7	163	F	G1600		75-85 FT/LBS		
2.7	164		JX4E-3		80 FT/LBS		
2.7	164		JX4E-5		80 FT/LBS		
3.1	188		JX4C-3		80 FT/LBS		
3.1	188		JX4C-5		80 FT/LBS		
3.3	199		D-2000		80 FT/LBS		
3.3	199		G2000		80 FT/LBS		
3.3	199		JX4L-C3		80 FT/LBS		
3.3	199		JX4L-C5		80 FT/LBS		
3.3	199		JX4L-CER		80 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
HERCULES				4 Cylinders			
3.5	214		JX4D-3		80 FT/LBS		
3.7	226		D-2300		80 FT/LBS		
3.7	226		G2300		80 FT/LBS		
3.7	226		JX4L-D3		80 FT/LBS		
3.7	226		JX4L-D5		80 FT/LBS		
3.7	226		JX4L-DER		80 FT/LBS		
3.7	226	DT	D		80 FT/LBS		
3.7	226	DT(2)	D		80 FT/LBS		
5.2	320		JX4D-5		80 FT/LBS		
HERCULES				6 Cylinders			
3.1	190		QXA-3		80 FT/LBS		
3.1	190		QXA-5		80 FT/LBS		
3.4	205		QXB-3		80 FT/LBS		
3.4	205		QXB-5		80 FT/LBS		
3.6	221		QXC-3		80 FT/LBS		
3.6	221		QXC-5		80 FT/LBS		
3.8	230		QXD-3		80 FT/LBS		
3.8	230		QXD-5		80 FT/LBS		
3.9	237		QXLD-3		80 FT/LBS		
3.9	237		QXLD-5		80 FT/LBS		
3.9	237		QXLDER-3		80 FT/LBS		
3.9	237		QXLDER-5		80 FT/LBS		
4.0	245	JXC	No Model		80 FT/LBS		
4.9	298		D-3000		80 FT/LBS		
4.9	298		DH-3000		77-83 FT/LBS		
4.9	298		G3000		80 FT/LBS		
5.2	320	JXC	No Model		80 FT/LBS		
5.2	320	JXD	No Model		80 FT/LBS		
5.6	339		D-3400		80 FT/LBS		
5.6	339		G3400		80 FT/LBS		
5.6	339	JXLD	No Model		80 FT/LBS		
7.8	478		D-4800		115-120 FT/LBS		1.215" OR 2.220" CUP
7.8	478		D-4800T		115-120 FT/LBS		1.215" OR 2.220" CUP
7.8	478		D5000		115-120 FT/LBS		1.215" OR 2.220" CUP
HERCULES				8 Cylinders			
24.1	1,468		DNX-V8D		120 FT/LBS		
24.1	1,468		DNX-V8DS		120 FT/LBS		
HILLMAN				4 Cylinders			
1.7	105	C	No Model	66-70	41 FT/LBS		
HINO				4 Cylinders			
3.8	234		W04C-T	88-92	131-144 FT/LBS		
HINO				6 Cylinders			
6.0	364		W06E	86-87	131-144 FT/LBS		
6.4	393		EH700		131-144 FT/LBS		
6.5	396		HO6	85-96	131-144 FT/LBS		
6.7	411		HO7	84-90	131-144 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
HINO				6 Cylinders			
7.8	480		EL100		189-209 FT/LBS, 72-93 FT/LBS HOUSING		
13.3	809		EK100		189-209# COAT THREADS W/OIL, HOUSING=95-101#		
HONDA				1 Cylinder			
0.3	16		GX270		NUT 85 FT/LBS		
0.3	16		GXV270		85 FT/LBS		
0.3	21		GX340		NUT 85 FT/LBS		
0.3	21		GXV340		85 FT/LBS		
0.4	24		GX390		85 FT/LBS		
0.4	24		GXV390		85 FT/LBS		
HONDA				4 Cylinders			
1.2	75	EB1	CIVIC	73-79			.900-.906" CUP
1.2	75	EB2	CIVIC	74-77			.900-.906" CUP
1.2	75	EB3	CIVIC	78-79			.900-.906" CUP
1.3	79	D13A2	No Model	87			.105 CUP
1.3	79	EJ	CIVIC	81-83			.787 CUP
1.3	79	EJ1	No Model	78-80			.787 CUP
1.3	79	EJ1	No Model	83	50 FT/LBS		.787 CUP
1.3	82	EV1	CIVIC	84	86 FT/LBS		.105 CUP
1.3	82	EV1	No Model	85-87	76 FT/LBS		.105 CUP
1.5	91	D15A2	CIVIC	87-91	76 FT/LBS		.105"
1.5	91	D15A3	No Model	87			.105 CUP
1.5	91	D15B1	CIVIC	88-91	87 FT/LBS		.065 CUP
1.5	91	D15B2	CIVIC	88-91	87 FT/LBS		.065" CUP
1.5	91	D15B6	CRX	88-91	76 FT/LBS		.017 OR .062 CUP *
1.5	91	D15B7	CIVIC	92-95	FLY: 87 FT/LBS		.062-.065" CUP
1.5	91	D15B8	CIVIC	92-95	FLY: 87 FT/LBS		.065" CUP
1.5	91	D15Z1	CIVIC	92-95	87 FT/LBS		.065 CUP
1.5	91	ED1	CIVIC	75-75			.900 CUP
1.5	91	ED2	No Model	75-76			.900-.906" CUP
1.5	91	ED3	CIVIC	76-79			.900-.906" CUP
1.5	91	ED3	CIVIC	78-79			.900-.906" CUP
1.5	91	ED4	CIVIC	76-79			.900-.906" CUP
1.5	91	ED4	CIVIC	77-79			.900 CUP
1.5	91	ED4	CIVIC	78-79			.900-.906" CUP
1.5	91	EM1	CIVIC	81-82			.787" CUP
1.5	91	EM1	CIVIC	83	50 FT/LBS		
1.5	91	EW1	CIVIC	84-87	76 FT/LBS		.017-.024" CUP OR .105" CUP
1.5	91	EW1	CRX	85-87	76 FT/LBS		.017-.024" CUP OR .105" CUP
1.5	91	EW3	CIVIC	85-86	76 FT/LBS		.017-.024" CUP OR .105" CUP
1.5	91	EW4	CIVIC	84-87			.017-.024" CUP OR .105" CUP
1.6	97	B16A2	CIVIC	96-00	M/T=87 FT/LBS, DRIVE PLATE A/T=54 FT/LB		
1.6	97	B16A3	CIVIC	95-00	87 FT/LBS (M/T)		.065" CUP

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
HONDA							
4 Cylinders							
1.6	97	D16A6	CIVIC	88-91	87 FT/LBS	1988-89 .024" CUP, 1990-93 .065" CUP	
1.6	97	D16Y5	CIVIC	96-00	87 FT/LBS (M/T)		
1.6	97	D16Y7	CIVIC	96-00	87 FT/LBS (M/T)	.065" CUP	
1.6	97	D16Y8	CIVIC	96-03	87 FT/LBS (M/T)		
1.6	97	D16Z6	CIVIC	92-95	FLY 87 FT/LBS	.065" CUP OR .112" STEP	
1.6	98	EF1	No Model	76-77		.900-.906" CUP	
1.6	98	EF1	No Model	76-78		.900 CUP	
1.7	102	D17A1	CIVIC	01-03	A/T FLEXPLATE=87#, M/T SEALING BOLT=29#		
1.7	102	D17A2	CIVIC	01-04	FLEXPLATE (A/T) 87 FT/LBS		
1.8	107	EK1	ACCORD	79-80		.030 CUP	
1.8	107	EK1	ACCORD	80-80		.030 CUP	
1.8	107	EK1	ACCORD	81-82		.030 CUP	
1.8	107	EK1	ACCORD	83-83	76 FT/LBS	.030" CUP	
1.8	110	A18A1	ACCORD	87		.030 CUP	
1.8	112	ES1	ACCORD	83-84	76 FT/LBS	.030-.033" CUP	
1.8	112	ES2	ACCORD	83-84	76 FT/LBS	.030" CUP	
1.8	112	ES3	ACCORD	85-85	76 FT/LBS		
1.8	112	ET2	PRELUDE	84-86	76 FT/LBS	.033" CUP	
2.0	119	A20A1	ACCORD	87-89	76 FT/LBS	.615 CUP OR .016 CUP	
2.0	119	A20A3	ACCORD	87-89	76 FT/LBS	.615 CUP/.016 CUP	
2.0	119	B20A3	PRELUDE	88-91	76 FT/LBS	.008-.010 STEP OR .016" CUP	
2.0	119	B20A5	PRELUDE	87-91	76 FT/LBS	.016 CUP OR .065"	
2.0	119	BS1	ACCORD	85-86		.615 CUP	
2.0	120	B20B4	CRV	97-98	M/T: 76 FT/LBS, A/T: 54 FT/LBS		
2.0	120	B20Z2	CRV	99-01	M/T 76 FT/LBS, A/T 54 FT/LBS	REMOVAL FROM NEW THICKNESS -.006" (.152 MM)	
2.0	122	F20C1	S2000	00-02	M/T=94 FT/LBS		
2.1	125	B21A1	PRELUDE	90-91	76 FT/LBS	.016" CUP (1990-91)	
2.2	132	F22A1	ACCORD	90-91	77 FT/LBS (M/T)	.060-.069" CUP	T3
2.2	132	F22A1	ACCORD	92-93	77 FT/LBS	.060-.069" CUP	
2.2	132	F22B1	ACCORD	94-97	76 FT/LBS	.060-.069" CUP	
2.2	132	F22B2	ACCORD	94-97	76 FT/LBS	.060-.069" CUP	
2.2	132	F22B6	ACCORD	94-97	76 FT/LBS	.060-.069" CUP	
2.2	132	H22A1	PRELUDE	92-96	75-78 FT/LBS	.060-.069" CUP	
2.2	132	H22A4	PRELUDE	97-01	76 FT/LBS (M/T)		
2.2	134	D	PASSPORT	98-00	45 FT/LBS, +30^, +15^		
2.3	138	F23A1	ACCORD	98-03	76 FT/LBS		
2.3	138	H23A1	PRELUDE	92-95	77 FT/LBS	.069" CUP	
2.3	138	H23A4	No Model	97-98	77 FT/LBS	.069" CUP	
2.3	140	4ZD1	No Model	94-98	40 FT/LBS	*	
2.4	144	K24A4	ACCORD	03-05	FLY (M/T) 76 FT/LBS, FLEXPLATE (A/T) 54 FT/LBS		
2.6	158	4ZE1	PASSPORT	94-97	40 FT/LBS	* .150 CUP	

*Use sealer on bolts

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Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
HONDA					6 Cylinders		
2.7	163	C27A4	ACCORD	95-97	76 FT/LBS	.060-.070 CUP	
3.2	193	V	PASSPORT	94-97	40 FT/LBS	.470-.480" CUP	3SD4Z13 3SD5113 UCS7VF
3.2	193	W	PASSPORT	94-02	40 FT/LBS	.470"	3SD4Z13 3SD5113 UCS7VF
3.5	222		ODYSSEY	98-02	A/T FLEXPLATE: 54 FT/LBS		
HUDSON					6 Cylinders		
5.1	308		No Model	55-56	40-45 FT/LBS		
HYUNDAI					4 Cylinders		
1.5	90		SCOUPE	93-94	94-101 FT/LBS	FLAT	
1.5	90	C	ACCENT	95-02	96-103 FT/LBS	FLAT	
1.5	90	D	ACCENT	95-96	96-103 FT/LBS	FLAT	
1.5	90	J	EXCEL	86-89	94-101 FT/LBS	FLAT	
1.5	90	J	EXCEL	90-94	94-101 FT/LBS	FLAT	
1.6	97	R	ELANTRA	92-95	94-101 FT/LBS	FLAT	
1.6	98		ACCENT	01-04	89-96 FT/LBS		
1.6	98		No Model	88-91	94-101 FT/LBS		
1.8	107	M	ELANTRA	93-94	94-101 FT/LBS	FLAT	
1.8	110	M	No Model	95-99	88-95 FT/LBS		
1.8	112	M	ELANTRA	93-99	94-101 FT/LBS	FLAT (1993-95)	
2.0	121		ELANTRA	04-05	88-95 FT/LBS		
2.0	121		TIBURON	99-05	89-96 FT/LBS		
2.0	122	F	SONATA	92-03	94-101 FT/LBS	FLAT (1992-10/94), .119" CUP (11/94-1998)	
2.0	122	F	SONATA	92-98	94-101 FT/LBS	FLAT (1992-10/94), .119" CUP (11/94-1998)	
2.4	143	S	SONATA	89-93	94-101 FT/LBS	.119 CUP OR .157 REPORTED	
2.4	143	S	SONATA	99-05	94-101 FT/LBS		
HYUNDAI					6 Cylinders		
2.5	152		SONATA	99-01	53-55 FT/LBS		
2.7	165		SANTA FE	01-03	53-56 FT/LBS		
3.0	181		XG300	01-01	53-55 FT/LBS		
3.0	183	T	SONATA	89-98		.157 REPORTED	
3.5	213	E	XG 350	02-05	53-55 FT/LBS		
INFINITI					4 Cylinders		
2.0	122	C	G20	91-96	61-69 FT/LBS	.006" STEP	
INFINITI					6 Cylinders		
3.0	181	H	No Model	90-92	61-69 FT/LBS		
3.0	183	A	No Model	93-96	61-69 FT/LBS		
3.0	183	C	I30	96-98	61-69 FT/LBS	.006" STEP	
INFINITI					8 Cylinders		
4.1	252	B	Q-45	97-00	61-69 FT/LBS		
4.5	274	N	Q-45	90-99	61-69 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
ISUZU				2 Cylinders			
0.5	33		2KA1		72 FT/LBS		
0.6	36		2KB1		72 FT/LBS		
0.7	40		2KC1		72 FT/LBS		
1.0	59		2AA1		61 FT/LBS		
1.2	72		2AB1		61 FT/LBS		
ISUZU				3 Cylinders			
0.8	49		3KA1		72 FT/LBS		
0.9	54		3KB1		72 FT/LBS		
1.0	60		3KC1		72 FT/LBS		
1.4	87		3KR1		72 FT/LBS		
1.5	89		3AA1		61 FT/LBS		
1.8	109		3AB1		87 FT/LBS		
ISUZU				4 Cylinders			
1.5	90	7	No Model	85-89	22 FT/LBS, + 45°		
1.5	90	9	No Model	87-89	22 FT/LBS + 45^	.795" CUP	
1.5	90	K	I-MARK	85-88	22 FT/LBS + 45^	FLAT	
1.6	97		IMPULSE	90-91	22 FT/LBS + 45-60°	.787 CUP	
1.6	97	4	No Model	90-92	22 FT/LBS, + 45-60^	.790" CUP	
1.6	97	5	No Model	88-90		.795" CUP	
1.6	97	5	No Model	91-92	22 FT/LBS, + 45-60^	.780" CUP	
1.6	97	6	IMPULSE	91-93	22 FT/LBS, + 45-60^	.780" CUP	
1.7	104		4LC1		65-80 ft/lbs		
1.8	110	8	IMPULSE	91-92	22 FT/LBS, + 45-60^	.790" CUP	
1.8	111	B	I-MARK	81-85	76 FT/LBS	.008" CUP	
1.8	111	P	I-MARK	81-84	36-43 FT/LBS	FLAT OR .008" CUP	7SK2216
1.9	119	A	IMPULSE	82-88	76 FT/LBS	.010-.018" CUP	
2.0	119		C190		87 FT/LBS	1.259 MIN THICKNESS	
2.0	119		G201		58 FT/LBS		
2.0	121	F	No Model	85-89	76 FT/LBS	.008" CUP NON-TURBO, .787" CUP TURBO	
2.0	122	D	C201		NEW BOLT #9, 68 FT/LBS	*	
2.0	122	D	C201		NEW BOLT #9, 68 FT/LBS *	*	
2.2	134		4LE1		65-80 FT/LBS with engine oil		
2.2	134	4	HOMBRE	96-98	55 FT/LBS	* FLAT	
2.2	134	D	AMIGO	98-02	48 FT/LBS, +30°, +15°	.150"	
2.2	135		C221		58 FT/LBS		
2.2	136		D201		86 FT/LBS	* .005-.015 CUP	
2.2	136	S	No Model	86-87	83-90 FT/LBS	* .005-.015" CUP	
2.2	136	U	No Model	85-87	83-90 FT/LBS	* .008" CUP	
2.3	137	L	AMIGO	86-95	43 FT/LBS	* .008" CUP	5SD5Y22 7SD9314 8SDD86 9SD0113 9SD7811 SD5X17
2.3	137	L	No Model	85-87	45 FT/LBS	* .008" CUP	7SD9314 8SDD86 9SD0113 SD5X17

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
ISUZU				4 Cylinders			
2.4	146		C240		87-94 FT/LBS		
2.6	156	E	AMIGO	88-98	43 FT/LBS	* CUP .150"	2SD8519 8SB1716
2.8	169		4JB1		83-90 FT/LBS LUBRICATE W/OIL		
3.6	222		4BE1		29 FT/LBS, +60-90°		
3.9	235		4BD1	85-90	161 FT/LBS		
3.9	235		4BD1T	86-91	161 FT/LBS		
3.9	235	4BD1	No Model	85-90	161 FT/LBS	FLAT	
3.9	235	4BD1T	No Model	86-91	161 FT/LBS	FLAT	
3.9	235	TURBO	4BD2-TC	85-99	29 FT/LBS, + 60-90^, HOUSING: 93 FT/LBS		
4.1	249		DA220		174 FT/LBS		
4.3	264		4HF1	94-96	57 FT/LBS, +60-90r		
4.8	290		4HE1-TC	99-03	58#, +120-150°, HOUSING: 71#	1.2205" (31.000 MM) Minimum Thickness	
ISUZU				6 Cylinders			
2.8	173	R	TROOPER II	89-91	52 FT/LBS	FLAT	
3.1	189	Z	TROOPER II	91-94		FLAT	
3.2	193	V	RODEO	92-98	40 FT/LBS	.470-.480" CUP ALSO .150" CUP	3SD361
3.2	193	W	TROOPER	92-04	40 FT/LBS, REPLACE BOLTS	* .470-.480" CUP ALSO .150" CUP	3SD4Z13 3SD5113 UCS7VF
3.5	214	X	TROOPER	98-05	40 FT/LBS		
4.3	262	W	HOMBRE	98	75 FT/LBS	FLAT	14103283N
4.3	262	X	HOMBRE	97-99	75 FT/LBS	FLAT	
5.8	353		6BD1	76-88	161 FT/LBS	1.691-1.695 CUP	
5.8	353		6BD1-T		161 FT/LBS	1.691-1.695 CUP	
6.5	396		6BG1	88-94	161 FT/LBS	1.691-1.695" CUP	
6.5	396		6BG1-T	88-94	161 FT/LBS	1.691-1.695 CUP	
7.1	435		6HE1-TC	94-01	58 FT/LBS, + 60°, + 75°		
7.8	475		6HK1-TC	98-01	58 FT/LBS, +60°, +60° *		
8.4	513		6SA1-T	86-90	58 FT/LBS + 60° + 30°		
13.7	838		6RB1	78-88		1.3779" (35.000 MM) MIN 1.4763" (37.500 MM)	
13.7	838		6RB1T	78-88		1.8897" (48.000 MM) MIN 1.9881" (50.500 MM)	
13.7	838		6RB2	78-88		1.8897" (48.000 MM) MIN 1.9881" (50.500 MM)	
ISUZU				8 Cylinders			
5.3	325	P	ASCENDER	03-05	15, 37, 74 FT/LBS		
IVECO				4 Cylinders			
3.9	238		8040	85-94	30 FT/LBS, + 60^		
3.9	238		8040.05		30 FT/LBS, + 60^		
IVECO				6 Cylinders			
0.0	0		8465		75 FT/LBS + 60°		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
IVECO				6 Cylinders			
5.5	336		8060.24		90-109 FT/LBS-LUBRICATE W/OIL		
5.5	336		8065.04		30 FT/LBS + 60°	FLYWHEEL O.D.	14.0315-14.0354
5.5	336		8065.24		30 FT/LBS + 60°	FLYWHEEL O.D.	14.0315-14.0354
5.9	358		8060		30 FT/LBS, + 60°		
5.9	358		8065.05		30 FT/LBS, + 60°		14.0315-14.0354 FLYWHEEL O.D.
5.9	358		8065.25		30 FT/LBS, + 60^		14.0315-14.0354 FLYWHEEL O.D.
7.4	452		CP3	70-79	130 FT/LBS		
8.1	494		8360.05		203 FT/LBS, 72# HOUSING		
9.6	584		8220.02		140-155 FT/LBS, 94-116# HOUSNG		
9.8	599		8205		195 FT/LBS		
13.8	842		8215.02		202 FT/LBS		
13.8	842		8215.22		202 FT/LBS		
IVECO				8 Cylinders			
0.0	0		8285		103 FT/LBS, +60^		
JAGUAR				6 Cylinders			
2.5	152		X TYPE	03-05	59 FT/LBS		
3.0	181		X & S TYPE	03-05	59 FT/LBS		
3.6	219		XJ6	88-92	72 FT/LBS		
4.0	243	7	XJ6	90-97	91-110 FT/LBS		
4.2	258		XJ6	66-87	64-67 FT/LBS		
JAGUAR				12 Cylinders			
5.3	326	XJS	No Model	72-90	63-66 FT/LBS		
6.0	366	XJ12	XJS	94-96	63-66 FT/LBS		
JEEP				4 Cylinders			
2.2	134		No Model	53-71	36-40 FT/LBS	FLAT	
JEEP				6 Cylinders			
2.6	161		No Model	50-62	36-40 FT LBS		
3.7	226		No Model	54-65	35-40 FT/LBS		
3.8	230		No Model	62-65	35-40 FT/LBS		
JEEP				8 Cylinders			
5.9	360		No Model	71-91		FLAT	
6.6	401		No Model	74-78	95-120 FT/LBS		
JOHN DEERE				1 Cylinder			
0.0	0		FC540V		172 FT/LBS		
0.1	8		FA130D		44 FT/LBS		
0.2	13		RX63 RIDING M		44 FT/LBS		
0.2	13		RX63 RIDING M		44 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
JOHN DEERE				2 Cylinders			
0.4	25		R SERIES	49-54	208 Ft/lbs		
0.6	38		FD620D		80#, SHEEVE HALF CAPSCREW: 11#		
0.7	43		316 TRACTOR		50-55 FT/LBS		
0.7	43		318 TRACTOR		50-55 FT/LBS		
0.8	48		318 TRACTOR		50-55 FT/LBS		
0.8	48		420 TRACTOR,		50-55 FT/LBS		
0.8	48		420 TRACTOR,		50-55 FT/LBS		
1.0	60		F930 MOWER		50-55 FT/LBS		
1.6	100		40	52-57	75-80 FT/LBS		
1.6	100		No Model	52-57		1.140" REPORTED MEMBER #39614 03-08-04 MC	
1.9	113		420		75-80 FT/LBS		
1.9	113		430		75-80 FT/LBS		
1.9	113		440		75-80 FT/LBS		
3.1	190		520		150 FT/LBS		
3.1	190		530		150 FT/LBS		
5.0	303		630	56-60	275 FT/LBS		
5.9	361		720		275 FT/LBS		
5.9	361		730		275 FT/LBS		
6.8	416		R SERIES	49-54	334 FT/LBS		
7.7	472		820	50-59	334 FT/LBS		
JOHN DEERE				3 Cylinders			
0.0	0		3TG66		61 FT/LBS		
0.0	0		3TG72		61 FT/LBS		
0.9	54		3TNA72		61 FT/LBS		
1.0	61		3TN75		61 FT/LBS FLEXPLATE:36 FT/LBS		
1.2	70		3TNC78		61 FT/LBS FLEXPLATE:36 FT/LBS		
1.2	75		3TN78		61 FT/LBS FLEXPLATE:36 FT/LBS		
1.3	78		380UJ		55 FT/LBS USE NEW BOLTS		
1.3	78		3T80J		55 FT/LBS USE NEW BOLTS		
1.4	83		3TN82		61 FT/LBS FLEXPLATE:36 FT/LBS		
1.4	87		3TN84		61 FT/LBS FLEXPLATE:36 FT/LBS		
1.7	105		3T90J		55 FT/LBS, USE NEW BOLTS		9Y22
1.7	105		3T90TJ		55 FT/LBS, USE NEW BOLTS		
2.2	135	G	1020 TRACTO		85 FT/LBS, HOUSING: 22,35#	2.00" REPORTED	
2.5	152	D	820, 830 & 102		85 FT/LBS, HOUSING 22,35#		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
JOHN DEERE			3 Cylinders				
2.7	164	D	360 DOZER		85 FT/LBS, FLY HOUSING 35#		
2.7	164	G	1520 TRACTO		85 FT/LBS, FLY HOUSING 35#		
2.9	179	D	179T		120 FT/LBS (USE NEW BOLTS)	* 2.839-2.849 CUP	
2.9	179	D	2240		120 FT/LBS (USE NEW BOLTS)	* 2.839-2.849" CUP	
2.9	179	D	3029D		HEX-HD:120#,FLNG -HEAD:40#,+60°	.784" (19.913 MM)	R501536
2.9	179	D	3029T		HEX-HD:120#,FLNG -HEAD:40#,+60°	.784" (19.913 MM)	R501536
JOHN DEERE			4 Cylinders				
1.8	111		4TN82		61 FT/LBS		
1.9	115	G	1010 SERIES	58-63	70-75 FT/LBS		
1.9	116		4TN84		61 FT/LBS FLEXPLATE:36 FT/LBS		
2.4	145	D	1010 & 2010 TR		70-75 FT/LBS		
2.4	145	G	2010 & HA SER	58-63	70-75 FT/LBS	1.180-1.187" CUP	
2.7	165	D	2010 TRACTO		70-75 FT/LBS		
3.0	180		2020		85 FT/LBS		
3.1	186	D	2020			2.839-2.849 CUP	
3.1	186	G	186			2.839-2.849 CUP	
3.1	190		1450		50, 100, 145 FT/LBS		
3.3	202	D	2020 & 2510		85 FT/LBS, FLY HOUSING 35#	2.839-2.849 CUP OR 2.200-2.210	2381
3.3	202	G	202			2.839-2.849 CUP	
3.6	219	D	454		120 FT/LBS (USE NEW BOLTS)	.800-.810 CUP *	AR66781
3.6	219	G	2030		120 FT/LBS (USE NEW BOLTS)		AR66781
3.6	219	T	2020		120 FT/LBS (USE NEW BOLTS)	.800-.810 CUP *	AR66781
3.7	227		3020	64-67		2.844 CUP	R40727
3.9	239		239T		120 FT/LBS (USE NEW BOLTS)	* .848-.850" CUP	
3.9	239		2750		120 FT/LBS (USE NEW BOLTS)	* .848-.850 CUP	
3.9	239	D	4039D		HEX-HD:120#,FLNG -HEAD:40#,+60°		
3.9	239	D	4039T		HEX-HD:120#,FLNG -HEAD:40#,+60°		
4.4	270	D	3020		85 FT/LBS	2.844" CUP	R28810R
4.5	276		4045HF475		102#, HOUSNG=92# SEE COMMENTS *		
4.5	276		4045TF275		102#, HOUSING=92 FT/LBS SEE COMMENTS *		
4.5	276	D	2155		120 FT/LBS (USE NEW BOLTS)	* .820" CUP	AR66781
4.5	276	D	2630		120 FT/LBS (USE NEW BOLTS)	* .820 CUP	AR66781
4.5	276	D	4045D		HEX-HD:120#,FLNG -HEAD:40#,+60°		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
JOHN DEERE					4 Cylinders		
4.5	276	D	4045T		HEX-HD:120#,FLNG -HEAD:40#,+60°		
JOHN DEERE					6 Cylinders		
3.5	217		65 & 95	58-63	70-76 FT/LBS		
3.6	217		217	58-63	70-76 FT/LBS		
3.6	217	D	217	58-63	70-76 FT/LBS		
5.0	303	D	JD550		85 FT/LBS		
5.0	303	G	303		85 FT/LBS		
5.4	329		4030			.845 CUP	
5.4	329	DT	544A			.845 CUP *	
5.6	341		4020			2.844	
5.9	359		359T		120 FT/LBS (USE NEW BOLTS)	* .848-.850" or 1.100" CUP	
5.9	359	D	2940		120 FT/LBS (USE NEW BOLTS)	* .848-.850" or 1.100" CUP*	
5.9	359	D	6059D		HEX-HD:120#,FLNG -HEAD:40#,+60°		
5.9	359	D	6059T		HEX-HD:120#,FLNG -HEAD:40#,+60°		
5.9	362		4020			2.844	
6.2	381	D	4010			STEP 2.839-2.849", OVERALL HEIGHT 3.920-3.960"	R40727
6.6	404		4010	67-76	85 FT/LBS	2.839-2.849 CUP, SEE C/NUMBERS	R??? R40727 R63350
6.6	404		4320			2.839-2.849 CUP *	R40727
6.6	404	T	4020			2.839-2.849 CUP *	R40727 R46045
6.8	414		6068HF475		102#, HOUSNG=92# SEE COMMENTS *		
6.8	414		6068TF275		102#, HOUSING=92# SEE COMMENTS *		
6.8	414	D	414		120 FT/LBS (USE NEW BOLTS!)	* 1.465 MIN **	
6.8	414	D	544C		120 FT/LBS (USE NEW BOLTS)	* 1.465 MIN **	
6.8	414	D	6068D		HEX-HD:120#,FLNG -HEAD:40#,+60°		
6.8	414	D	6068T		HEX-HD:120#,FLNG -HEAD:40#,+60°		
7.6	466		4040 & 4240		85 FT/LBS	*	
7.6	466		4207, 6404, 64		85 FT/LBS		
7.6	466	A	4650, 4850, 84		85 FT/LBS	*	
7.6	466	EARLY	6076		85 FT/LBS	*	
7.6	466	LATE	6076		85 FT/LBS	*	
7.6	466	T	4440, 4450, 46		85 FT/LBS	* 1.800-1.820"	
8.1	496		6081	94-06	85 FT/LBS		
8.7	531	A	6030	60-81	130 FT/LBS	3.207-3.217 CUP	R40820
8.7	531	D	5010, 5020			3.207-3.217 CUP	
10.1	619		6101		130 FT/LBS		
10.2	619	D	619	68-81	130 FT/LBS		
10.2	619	D	8760, 8770		130 FT/LBS		
10.5	641		6105	98-05	125 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
JOHN DEERE					6 Cylinders		
10.9	664		6105		125 FT/LBS		
12.5	766		6125	98-05	125 FT/LBS		
JOHN DEERE					8 Cylinders		
15.7	955	D	8850, 8955	75-85	180 FT/LBS, HOUSING 295 FT/LBS		
KAWASAKI					2 Cylinders		
0.6	38		FD620D		80 FT/LBS		
KIA					4 Cylinders		
1.5	91	3	RIO	01-02	71-76 FT/LBS		
1.6	97	1	SEPHIA	94-96	71-76 FT/LBS	.020" STEP	
1.6	97	2	SEPHIA	94-98	71-76 FT/LBS	.020" STEP	
1.6	97	3	SEPHIA	95-97	71-76 FT/LBS	.020" STEP	
1.8	109	T8	SEPHIA	99-04	71-76 FT/LBS		
1.8	112	5	SEPHIA	95-98	71-76 FT/LBS	.787" CUP	
2.0	122	1	SPORTAGE	95-97	71-76 FT/LBS	.787" CUP	
2.0	122	3	SPORTAGE	95-02	71-76 FT/LBS	.787" CUP	
2.4	144		OPTIMA	01-05	94-101 FT/LBS, DRIVE PLATE 94-101 FT/LBS		
KIA					6 Cylinders		
2.5	153		OPTIMA	-01	54-57 FT/LBS		
2.7	165		OPTIMA	-01	54-57 FT/LBS		
KOHLER					1 Cylinder		
0.1	8		CS4		48 FT/LBS		
0.2	9		K91		40-50 FT/LBS NUT, 250 INCH/LBS SCREW		
0.2	10		CS6		48 FT/LBS		
0.2	11		C5		50 FT/LBS		
0.2	15		CS8.5		48 FT/LBS		
0.3	16		K141		45-55 FT/LBS NUT		
0.3	16		K160		60# FOR MODELS WITH 5/8" NUT	*	
0.3	16		K161		45-55 FT/LBS NUT		
0.3	17		K141(2)		45-55# NUT, AFTER SER# 23209832=85-90#		
0.3	18		CS10		85 FT/LBS		
0.3	18		CS8.5		85 FT/LBS		
0.3	19		K181		45-55# NUT, AFTER SER #23209832 80-90#		
0.3	19		M8		85-90 FT/LBS		
0.4	22		CS12		85 FT/LBS		
0.4	24		K241		50-60 FT/LBS NUT, 22-27 FT/LBS SCREW		
0.4	24		M10		35-40 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
KOHLER			1 Cylinder				
0.5	29		K301		50-60 FT/LBS NUT, 22-27 FT/LBS SCREW		
0.5	29		M12		35-40# PLASTIC FAN,22-27# IRON		
0.5	31		K321		50-60 FT/LBS NUT, 22-27 FT/LBS SCREW		
0.5	31		M14		37# PLASTIC FAN, 25# IRON FINS		
0.5	32		TH16		49 FT/LBS, FAN FASTENER 88 INCH/LBS		
0.6	34		K330		100 FT/LBS		
0.6	35		TH18		49 FT/LBS, FAN FASTENER 88 INCH/LBS		
0.6	36		K341		50-60 FT/LBS NUT, 22-27 FT/LBS SCREW		
0.6	36		K361	69-78	60-70 FT/LBS		
0.6	36		M16		37# PLASTIC FAN, 25# IRON FINS		
KOHLER			2 Cylinders				
0.4	24		CH11		49 FT/LBS, FAN 88 INCH/LBS		
0.4	24		CV11		49 FT/LBS		
0.4	26		CV15		49 FT/LBS		
0.5	28		CV460-465		49 FT/LBS		
0.5	30		CV490-495		49 FT/LBS		
0.6	34		CV17		49 FT/LBS		
0.6	34		LV560		49 FT/LBS, FAN 120 INCH/LBS		
0.6	38		CH18		49 FT/LBS		
0.6	38		CV18		49 FT/LBS		
0.6	38		LH630		49 FT/LBS, LOWER COVER 88 INCH/LBS		
0.6	38		LV625		49 FT/LBS, FAN 10 FT/LBS		
0.7	41		CV22		49 FT/LBS		
0.7	41		LH685		49 FT/LBS, LOWER COVER 88 INCH/LBS		
0.7	41		LV675		49 FT/LBS, FAN 10 FT/LBS		
0.7	42		KT17		40 FT/LBS		
0.7	42		M18		40 FT/LBS		
0.7	42		MV16		40 FT/LBS		
0.7	42		MV18		40 FT/LBS		
0.7	44		CH25		49 FT/LBS		
0.7	44		CV25		49 FT/LBS		
0.7	46		LH750		49 FT/LBS, LOWER FLY COVER 88 INCH/LBS		
0.8	47		KT19		40 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
KOHLER				2 Cylinders			
0.8	47		MV20		40 FT/LBS		
0.8	48		K482		115 FT/LBS NUT		
0.8	53		KT21		40 FT/LBS		
0.9	54		K532		115 FT/LBS NUT		
1.0	58		K582		115 FT/LBS NUT		
1.1	67		K662		130 FT/LBS NUT		
KOMATSU				4 Cylinders			
4.0	242		105.5		90, 119, 144 FT/LBS		
8.5	518		130		112, 210 FT/LBS		
KOMATSU				6 Cylinders			
7.1	436		6D108		65 ft/lbs, then 137 ft/lbs		
KUBOTA				1 Cylinder			
0.4	24		EA400-N		217-289 FT/LBS		
0.5	28		EA450-N		217-289 FT/LBS		
0.5	32		EA500-N		217-289 FT/LBS		
0.6	36		EA600-N		217-289 FT/LBS		
KUBOTA				2 Cylinders			
0.4	24		Z400-B		44 FT/LBS		
0.4	26		Z430-B		44 FT/LBS		
0.5	29		Z482-B		44 FT/LBS		
0.5	31		Z500-1A		44 FT/LBS		
0.5	31		Z500-B		FLANGE 43-47#,NONFLANG E 40-43#		
0.6	35		B4200		44 FT/LBS		
0.6	35		B6000		51 FT/LBS		
0.7	45		L175		40-43 FT/LBS		
0.7	45		L185		73-80 FT/LBS		
0.9	53		Z851-B		73-80 FT/LBS		
1.1	65		L210		80-85 FT/LBS		
1.3	78		L260		80-85 FT/LBS		
KUBOTA				3 Cylinders			
0.6	37		D600-B		44 FT/LBS		
0.6	39		D640-B		40-43 FT/LBS		
0.7	40		D662-B		44 FT/LBS		
0.7	41		B6100D & B610		43-47# FLANGE,40-43# NONFLANGE		
0.7	44		D722-B		40-44 FT/LBS		
0.8	47		B7100D		FLANGE 43-47#,NONFLANG E 40-43#		
0.9	52		D850-B		40-43 FT/LBS		
0.9	55		D905-B		40-43 FT/LBS		
0.9	57		D950-B		40-43 FT/LBS		
1.0	61		D1005-B		40-43 FT/LBS		
1.1	68		DH1101-B		73-80 FT/LBS		
1.1	68		L225, L225DT, L		40-43 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
KUBOTA			3 Cylinders				
1.1	68		L235, L245		73-80 FT/LBS		
1.1	69		D1105-B		40-43 FT/LBS		
1.3	79		D1301-B		73-80 FT/LBS		
1.3	79		D1302-DI		72-79 FT/LBS		
1.3	79		L275, L295, L3		73-80 FT/LBS		
1.4	85		D1402-B		73-80 FT/LBS		
1.4	85		D1402-DI		72-79 FT/LBS		
1.4	85		D1403-B		72-80 FT/LBS		
1.5	89		L2950		80 FT/LBS		
1.5	92		L2900, L3300		72.3-79.5 FT/LBS		
1.6	101		D1703-B		72-80 FT/LBS		
3.0	182		D3000-B		80 FT/LBS		
KUBOTA			4 Cylinders				
1.2	73		V1205-B		40-43 FT/LBS		
1.2	75		V1200-B		44 FT/LBS		
1.3	81		V1305-B		40-43 FT/LBS		
1.5	91		L285, L345		73-80 FT/LBS		
1.5	91		V1505-B		40-43 FT/LBS		
1.7	106		L355		73-80 FT/LBS		
1.7	106	D	L355		73-80 FT/LBS		
1.9	114		L3250, L3350, L		80 FT/LBS		
1.9	114		V1902-B		73-80 FT/LBS		
1.9	114		V1903-B		72-80 FT/LBS		
2.0	122		V2003-TB		72-80 FT/LBS		
2.2	134		V2203-DI-B		72-80 FT/LBS		
3.3	202	V3300	M6800		75 FT/LBS		
4.0	243		V4000-B		80 FT/LBS		
4.3	262		M8950		80 FT/LBS		
4.3	262		V4300-B		80 FT/LBS		
4.3	264		M7580		80 FT/LBS		
4.7	284		M9580		80 FT/LBS		
4.7	284		V4702-B		80 FT/LBS		
KUBOTA			5 Cylinders				
2.3	142		F2302-DI-B		72-79 FT/LBS		
2.4	148		M4030SU		80 FT/LBS		
2.5	153		F2503-TB		72-80 FT/LBS		
2.8	168		L4150		72-80 FT/LBS		
2.8	168		L5450		80 FT/LBS		
KUBOTA			6 Cylinders				
2.2	136		S2200-B		72-80 FT/LBS		
2.6	158		M4030		80 FT/LBS		
2.6	158		S2600-B		72-80 FT/LBS		
2.8	170		M5030		80 FT/LBS		
2.8	170		S2800-B		72-80 FT/LBS		
LEXUS			6 Cylinders				
2.5	153	2VZFE	ES250	90-91	61 FT/LBS	.020" STEP	
3.0	183	1MZFE	ES300	94-01	61 FT/LBS	.020 STEP	
3.0	183	2JZGE	GS300	92-02	A/T: 72#, M/T: 36#, + 90°		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
LEXUS				6 Cylinders			
3.0	183	3VZFE	ES300	92-94	61 FT/LBS	.020" STEP	
4.5	274	1FZFE	LX450	96-97	54 FT/LBS DRIVE PLATE		
LEXUS				8 Cylinders			
4.3	262	3UZFE	LS430	02-06	HOUSING 13 FT/LBS		
LEYLAND				4 Cylinders			
0.0	0		4-384	69-85	100 FT/LBS		
1.6	98		4-98	70-80	100 FT/LBS		
1.8	110	D	AD017, AD074	74-87	40 FT/LBS		
3.4	207		4-272		100 FT/LBS		
LIEBHERR				4 Cylinders			
5.6	342		D904 NA		236 FT/LBS, HOUSING 59 FT/LBS		
5.6	342		D904 TB		236 FT/LBS, HOUSING 59 FT/LBS		
6.1	373		D914 T		236 FT/LBS, HOUSING 59 FT/LBS		
LIEBHERR				6 Cylinders			
8.4	513		D906 NA		236 FT/LBS, HOUSING 59 FT/LBS		
8.4	513		D906 TB		236 FT/LBS, HOUSING 59 FT/LBS		
9.2	559		D916 T		236 FT/LBS, HOUSING 59 FT/LBS		
LISTER				1 Cylinder			
0.2	13		AA1		155#, FLY EXTENSION BOLT 27#		
0.3	16		AB1		155#, FLY EXTENSION BOLT 27#		
0.3	19		AC1		155#, FLY EXTENSION BOLT 27#		
0.4	25		LT1		145 FT/LBS		
0.5	29		LV1		145 FT/LBS		
0.6	39		ST1		300 FT/LBS		
0.6	39		TS1		350 FT/LBS		
0.8	47		TR1		350 FT/LBS		
0.8	49		PJ1		32 FT/LBS		
LISTER				2 Cylinders			

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
LISTER				2 Cylinders			
0.6	37		AC2		155#, FLY EXTENSION BOLT 27#		
0.7	44		LPA2		50 FT/LBS, FLY HOUSING 58#		
0.9	57		LPW2		50 FT/LBS, FLY HOUSING 58#		
1.0	58		LV2		145 FT/LBS		
1.3	77		ST2		300 FT/LBS		
1.3	77		TS2		350 FT/LBS		
1.5	94		TL2		450 FT/LBS		
1.5	94		TR2		350 FT/LBS		
1.6	98		TX2		350 FT/LBS		
1.6	99		PJ2		32 FT/LBS		
2.1	128		HR2		400 FT/LBS		
LISTER				3 Cylinders			
1.1	66		LPA3		50 FT/LBS, FLY HOUSING 58#		
1.4	85		LPW3		50 FT/LBS, FLY HOUSING 58#		
1.9	116		No Model		300 FT/LBS		
1.9	116		ST3		300 FT/LBS		
1.9	116		TS3		350 FT/LBS		
2.3	142		TL3		450 FT/LBS		
2.3	142		TR3		350 FT/LBS		
2.4	147		TX3		350 FT/LBS		
2.4	148		PJ3		32 FT/LBS		
3.2	192		HR3		400 FT/LBS		
LISTER				4 Cylinders			
1.5	89		LPA4		50 FT/LBS, FLY HOUSING 58#		
1.9	114		LPW4		50 FT/LBS, FLY HOUSING 58#		
4.2	256		HR4		400 FT/LBS		
LOMBARDINI				1 Cylinder			
0.3	16		6LD260		110 FT/LBS		
0.3	20		6LD325		110 FT/LBS		
0.4	22		530		108 FT/LBS		
0.4	22		6LD360		110 FT/LBS		
0.4	24		6LD400		110 FT/LBS		
0.5	28		3LD450		125 FT/LBS		
0.5	31		3LD510		125 FT/LBS		
0.6	36		7LD600/I		217 FT/LBS		
0.6	39		4LD640		255 FT/LBS		
0.7	40		7LD665/I		217 FT/LBS		
0.7	43		FLD705		255 FT/LBS		
0.7	45		7LD740/I		217 FT/LBS		
0.8	50		4LD820		255 FT/LBS		
LOMBARDINI				2 Cylinders			
0.7	44		10LD360-2		130 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
LOMBARDINI				2 Cylinders			
0.8	48		10LD400-2		130 FT/LBS		
1.1	68		9LD560-2		215 FT/LBS		
1.3	80		8LD600-2		220 FT/LBS		
1.3	81		8LD665-2		220 FT/LBS		
1.3	82		5LD675-2		255 FT/LBS		
1.5	90		8LD740-2		220 FT/LBS		
1.6	100		5LD825-2		255 FT/LBS		
LOMBARDINI				3 Cylinders			
1.6	98		11LD535-3		101 FT/LBS		
1.9	114		11LD625-3		101 FT/LBS		
2.0	123		5LD675-3		255 FT/LBS		
2.5	151		5LD825-3		255 FT/LBS		
2.8	170		5LD930-3		255 FT/LBS		
LONG				3 Cylinders			
2.3	143		460		75-85 FT/LBS		
LONG				4 Cylinders			
3.1	190		560		75-85 FT/LBS		
3.6	219		2610		75-85 FT/LBS		
MACK				6 Cylinders			
5.5	335		MIDR 06.02.12	84-89	147-162 FT/LBS	1.260 MIN	
6.2	377		MIDR 06.02.26	90-04	162 FT/LBS		
7.8	475		475		149 FT/LBS (OILED)		
7.8	477		477		140 FT/LBS		
8.8	538		MIDS 06.20.30	79-88	125 FT/LBS	1.500 CUP	
9.8	600		MIDR 06.20.45		125 FT/LBS, HOUSING: 79 FT/LBS		
11.0	672		E6-4VH	88-97	190 FT/LBS, HOUSING 170 FT/LBS		
12.0	728		E7	89-02	185 FT/LBS	1.066" (27.076 MM) MIN - SEE TB 2295R	530GB3145(A) (B)
12.0	728		E-TECH	98-05	185 FT/LBS, HOUSING 170 FT/LBS	1.066" (27.076 MM) MIN - SEE TB 2295R	530GB3170M
MACK				8 Cylinders			
16.3	998		E9	90-01	180 FT/LBS	.899" OR .599" MIN - SEE TB 2295R	530GB3118(D) 530GB3157 530GB3167
MASERATI				4 Cylinders			
2.5	122		No Model	80-88	72 FT/LBS		
MASSEY FERGUSON				3 Cylinders			
0.9	53		1010		33-35 FT/LBS		
1.1	69		1020		33-35 FT/LBS		
3.3	201		320		103 FT/LBS SEE BELOW		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MASSEY FERGUSON				4 Cylinders			
2.2	134		TO35		70-75 FT/LBS		
2.3	138		23C		90-100 FT/LBS		
2.4	145		MF245		70-75 FT/LBS		
3.4	206		MF180		70-75 FT/LBS		
4.4	268		420		103 FT/LBS SEE BELOW		
5.2	318		4.318		80 FT/LBS		
MASSEY FERGUSON				6 Cylinders			
6.6	402		620		103 FT/LBS SEE BELOW		
7.4	449		634		103 FT/LBS SEE BELOW		
9.5	580		D600C		188-216 FT/LBS		
MAZDA				4 Cylinders			
1.3	78	T	GLC	76-78		.315" CUP (ROTARY) COSMO&RX4, .020" STEP (4CYL) MIZER *	
1.3	78	T	GLC	76-78		.315" CUP	
1.4	86	U	GLC SEDAN	79-80		.020" STEP	
1.4	86	U	GLC WAGON	79-80		.020" STEP	
1.5	90	D5	D5FE	84-86	65-69 FT/LBS		
1.5	90	E5	GLC	81-85	61-66 FT/LBS	.020" STEP	
1.5	91	Z5	PROTÉGÉ	95-98	71-76 FT/LBS	.020" STEP	
1.6	97	B6	323	87-92	71-76 FT/LBS	.020" STEP, .787" CUP TURBO ONLY IN 1987-89	
1.6	97	B6	323	93-94	71-76 FT/LBS	.020" STEP	
1.6	97	C	No Model	70-81		.020" STEP 1971-77	
1.6	97	N	No Model	73-78		.020" STEP	
1.6	98	B6	323	85-86	71-76 FT/LBS	.020 STEP	
1.6	98	B6	MIATA	90-95	71-76 FT/LBS	.020 STEP	B61P
1.6	98	BP	MIATA	90-92	71-76 FT/LBS	.020" STEP	
1.6	98	ZM	PROTÉGÉ	98-02	71-76 FT/LBS		
1.8	110	V	No Model	70-79		.315" CUP	
1.8	112		MIATA	97-04	71-76 FT/LBS	.787" CUP DIMENSION	
1.8	112	4	PROTÉGÉ	93-94	71-76 FT/LBS	.787" CUP FOR 4WD, .020" STEP FOR 2WD	BP01
1.8	112	BP	MIATA	90-96	71-76 FT/LBS	.020" STEP (1994-97), .787" CUP (1990-94 2WD)	
1.8	112	BP	PROTÉGÉ	90-92	71-76 FT/LBS	.787" CUP FOR 4WD, .020" STEP FOR 2WD	BP01
2.0	120	M	626	79-84	112-118 FT/LBS	.630" CUP FOR 626, .315" CUP FOR B2000 PICKUP	
2.0	120	MA	626	84-87	108-116 FT/LBS	.787" CUP	
2.0	120	MA	B2000	82-84	114-120 FT/LBS	.315" CUP	
2.0	120	MA	B2000	84-86	71-76 FT/LBS	.787" CUP IN 1986, .315" CUP IN 1984-85	
2.0	120	MA	No Model	81-81		.630" CUP CAR, .315" CUP TRUCK	
2.0	121		TRIBUTE	01-04	83 FT/LBS		
2.0	121	VA	No Model	71-79	43-47 FT/LBS, HOUSING: 20-30#		
2.0	122	FE	626	83-87	71-76 FT/LBS	.805" CUP ALSO .787" CUP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MAZDA				4 Cylinders			
2.0	122	FE	No Model	84-87	71-76 FT/LBS	.805 CUP	
2.0	122	FE(1)	B2000	83-88	71-76 FT/LBS	.787" CUP 1986-87, .315" CUP 1983-85	
2.0	122	FS	626,MR2	93-02	71-76 FT/LBS	.298" CUP	
2.0	122	LF	3	04-05	34-40, 56-62, 80-85 FT/LBS		
2.0	122	RF	626	84-85	130-137 FT/LBS	.787" CUP	
2.2	0	F2SA	F2		131-137 FT/LBS, 71-86# FLEX		
2.2	133	F2	626	88-92	71-76 FT/LBS	.787" CUP NON-TURBO, .020" STEP TURBO	1U F220 F807
2.2	133	F2	B2200	87-93	71-76 FT/LBS	.785" CUP	
2.2	135	S-2	No Model	82-84	95-137 FT/LBS	.640" CUP	
2.3	140	A	B2300	94-97	54-64# FLY, 20-34# FLEX	FLAT	
2.3	140	L3	3 & 6	03-05	34-40, 56-62, 80-85 FT/LBS	.295", Pedestal type	
2.5	153		B2500	98-03	54-64 FT/LBS		
2.5	154	D	154		80 FT/LBS		
2.6	156	G54	B2600	86-88	94-101 FT/LBS	.020" STEP (.508 mm)	
2.6	159		B2600	89-95	67-72 FT/LBS	.020" STEP (.508 mm)	
3.0	182	HA	T3000	81-94	133 FT/LBS		
4.6	278		TM		152-166 FT/LBS		
MAZDA				6 Cylinders			
1.8	112	K8D	MX-3	92-95	45-50 FT/LBS	.787" CUP	
2.3	137	KJ	MILLENNIA	94-99	45-49 FT/LBS FLEXPLATE		
2.5	153	KL	626	93-00	45-50 FT/LBS	.800" SEGMENTED CUP	KL01
3.0	180	JE	929	88-89	76-81 FT/LBS	.020" STEP	
3.0	180	JE	929	90-96	76-81 FT/LBS	.020" STEP	
3.0	180	JE	929	90-97	76-81 FT/LBS	.020" STEP 1988-91, FLAT IN 1994, SPEC UNKNOWN 1992-93	
3.0	182	1	TRIBUTE	-03	54-64 FT/LBS		
3.0	182	U	B3000	94-98	59 FT/LBS		
4.0	244	X	B4000	90-98	59 FT/LBS	FLAT 1990-97, 1998 IS UNKNOWN	
MERCEDES BENZ				4 Cylinders			
1.9	116		190SL	59-62	43-47 FT/LBS		
2.2	134		615.912	68-73	25 FT/LBS, + 90°		
2.3	140		190E	84-88	66 FT/LBS	* .770" CUP	
2.3	140	190E	190E	91-95		.770" CUP	
2.3	140	DOHC	190E	86-90	66 FT/LBS	* .770" CUP	
2.4	147	D	240D	73-79	22-30 FT/LBS, + 90°	.885 CUP	
2.4	147	D(2)	240D	80-85	22-30 FT/LBS, + 90°	.885 CUP	
4.0	242		OM364A		26 FT/LBS, +90-110r		
4.3	259		MBE900	97-02	37, 92 FT/LBS, +90r		
MERCEDES BENZ				5 Cylinders			
3.0	183	SD	300SD	76-80	22-30 FT/LBS, + 90°	.885 CUP	
9.7	589		OM355		51 FT/LBS, +90-100°		
9.8	599		OM355		51 FT/LBS, +90-100°		
10.0	608		OM429-LA	83-90		* SEE COMMENTS	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MERCEDES BENZ					6 Cylinders		
2.2	140	180	220	64-69	25 FT/LBS +90°-100°		
2.6	159		190E	86-91	22 FT/LBS, + 90^	.770" CUP	
2.7	167		280SE	75-81		.770" CUP	
2.8	170		280SE	67-72	21-29 FT/LBS + 90-100°		
2.8	170	M110	No Model	74-81	22-30 FT/LBS + 90-100°		
2.8	171		C280	99-05	33 FT/LBS, +90r		
2.8	171	300E	C280	93-97	30 FT/LBS, + 90°		
3.0	183		300E	86-92	22 FT/LBS + 90°		
3.2	195		ML320	98-03	33 FT/LBS, +90r		
3.2	195	300E	300E	92-95	30 FT/LBS, + 90°		
5.7	346		OM352A		19MM:74FT/LBS,22 MM:22FT/LBS- *		
5.7	346	352	OM352		19MM:74#, 22MM:22#, +90°, +20°		
6.0	366		OM366	87-94	22-29 FT/LBS + 90-110°		
6.4	389		MBE900	97-02	37, 92 FT/LBS, +90r		
11.0	669		OM 421		74 FT/LBS, + 90°		
MERCEDES BENZ					8 Cylinders		
3.8	233		380SEL	79-80	25 FT/LBS		
3.8	234		380SE	82-85	25 FT/LBS		
4.2	256		420SEL	86-93	26 FT/LBS, + 90°		
4.2	256	E420	400SEL	93-94	22-30 FT/LBS, + 90°		
4.3	262		ML430	99-02	33 FT/LBS, +90r		
4.5	276		450SEL	76-80	22-30 FT/LBS, + 90-100°		
5.0	303		500SEL	84-91	25 FT/LBS		
5.0	305	E500	500SEL	92-99	22-30 FT/LBS, +90°		
5.6	338	117	560	86-89	26 FT/LBS + 90°		
5.6	338	M117	560	88-91	26 FT/LBS + 90°		
MERCruiser					4 Cylinders		
2.3	140		No Model	85-95	60 FT/LBS		
2.5	153	IND	No Model	62-80		.125 CUP	
3.0	181		No Model	94-04	55-65 FT/LBS		
3.7	224	MIE	MIE 470		75-102 FT/LBS, HOUSING: 30-41 FT/LBS		
MERCruiser					6 Cylinders		
4.1	250	MIE	No Model	66-75	21 FT/LBS		
4.3	262		ALPHA	91-05	75 FT/LBS		
4.3	262	MCM	No Model	86-90	40-45 FT/LBS		
MERCruiser					8 Cylinders		
5.0	305	MIE	MIE 228		60 FT/LBS		
5.0	305	ZA,MH	No Model	99-02	75 FT/LBS, HOUSING 30 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MERCUISER					8 Cylinders		
5.7	350	MH,MK	No Model	99-02	75 FT/LBS, HOUSING 30 FT/LBS	WINDAGE TRAY NUTS=25 FT/LBS WITH #271 LOCKTITE OR EQUIV	
6.2	377	MHA	No Model	00-03	75 FT/LBS		
7.4	454		No Model	91-94	70 FT/LBS, HOUSING TO BLOCK 30 FT/LBS	*	
7.4	454	MCM	No Model	86-93	70 FT/LBS W/THREAD LOCKER		
7.4	454	MCM	No Model	93-94	70 FT/LBS WITH THREAD LOCKER	*	
7.4	454	UA	No Model	-93	70 FT/LBS, HOUSING 30 FT/LBS	*	
7.4	454	XF	No Model	90-94	70#, DRIVE COUPLER 35#, HOUSING 30#	*	
8.2	502	FJ/HJ	No Model	90-94	70#, DRIVE COUPLER=35#, HOUSING=30#	*	
8.2	502	HJ	500 BULLDOG		65 FT/LBS		14096805
8.2	502	MCM	No Model	-90	70 FT/LBS, DRIVE PLATE 40 FT/LBS		
8.9	540	MCM	No Model	85-92	70 FT/LBS, DRIVE PLATE 35#, HOUSING 30#		
8.9	540	MCM	No Model	-90	70 FT/LBS, DRIVE PLATE 35#, HOUSING 30#		
9.4	572	MCM	No Model	91-98	70#, DRIVE COUPLER 35#, HOUSING 30#	*	
MG					4 Cylinders		
0.9	58		SPRITE MK I	61-62	40 FT/LBS		
0.9	58	C	MK I, MK II, MID	52-62	40 FT/LBS		
1.1	67		SPRITE II, MK I	62-62	40 FT/LBS		
1.3	78	G	MK III MIDGET	66-74	40 FT/LBS		
1.5	91	A	MIDGET	75-80	CADMIUM: 40 FT/LBS, PARKERISED: 45 FT/LBS		
1.8	110	C	No Model	65-72	40 FT/LBS		
1.8	110	C	No Model	65-72	40 FT/LBS		
MINI					4 Cylinders		
1.6	98		S	02-05	M10 66.3 FT/LBS		
MINN MOLINE					3 Cylinders		
1.9	118		G350		75-85 FT/LBS		
MINN MOLINE					4 Cylinders		
3.4	206		335		70-75 FT/LBS		
3.4	206	G	445		70-75 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MINN MOLINE					4 Cylinders		
3.6	220		No Model		70-75 FT/LBS		
3.9	236		No Model		70-75 FT/LBS		
MITSUBISHI					3 Cylinders		
0.7	42		L3A		62-69 FT/LBS		
0.8	47		K3A		83-90 FT/LBS		
0.9	52		K3B		83-90 FT/LBS		
0.9	55		K3C		83-90 FT/LBS		
0.9	58		L3E		62-69 FT/LBS		
1.0	60		K3D		83-90 FT/LBS		
1.1	65		K3E		83-90 FT/LBS		
1.3	79		K3H		83-90 FT/LBS		
1.5	91		K3M		83-90 FT/LBS		
MITSUBISHI					4 Cylinders		
0.0	0		4DQ5		57-65 FT/LBS		
1.1	69		K4B		94-101# W/FLANGE, 83-90# OLD-W/WASHER		
1.2	73		K4C		94-101# W/FLANGE, 83-90# W/WASHER (OLD)		
1.3	80		K4D		94-101# W/FLANGE, 83-90# W/WASHER (OLD)		
1.4	86		K4E		94-101# W/FLANGE, 83-91# W/WASHER (OLD)		
1.4	86		No Model	77-84	94-101 FT/LBS		
1.5	90	J	PRECIS	87-89	94-101 FT/LBS	FLAT	
1.5	90	K	MIRAGE	85-88	94-101 FT/LBS	FLAT	
1.5	90	X	MIRAGE	89-90	94-101 FT/LBS	FLAT	
1.5	91		KE150		94-101# W/FLANGE, 83-90# W/WASHER (OLD)		
1.5	91	J	No Model	90-94	96-103 FT/LBS	FLAT	
1.5	92	A	MIRAGE	90-99	95-103 FT/LBS	FLAT	
1.6	98	A	No Model	83-84	94-101 FT/LBS		
1.6	98	A	No Model	83-86	94-101 FT/LBS		
1.6	98	F	MIRAGE	85-86	94-101 FT/LBS	FLAT	
1.6	98	F	MIRAGE	87-88	94-101 FT/LBS	FLAT	
1.6	98	IND	No Model	80-95	55-60 FT/LBS		
1.6	98	Y	MIRAGE	90-92	96-103 FT/LBS	FLAT	
1.6	98	Z	MIRAGE	89-90	94-101 FT/LBS	FLAT	
1.8	107	B	ECLIPSE	93-94	94-101 FT/LBS	FLAT	
1.8	107	T	ECLIPSE	90-92	94-101 FT/LBS	FLAT	
1.8	107	T	No Model	89-92	94-101 FT/LBS	FLAT	
1.8	109	4	CORDIA	82-83	94-101 FT/LBS	FLAT	
1.8	109	G	CORDIA	84-88	94-101 FT/LBS	FLAT	
1.8	110	D	No Model	92-94	94-101 FT/LBS	FLAT	
1.8	111	C	MIRAGE	92-00	71 FT/LBS	* FLAT	
2.0	122		4G63		97.6 FT/LBS	FLAT	
2.0	122		LANCER	02-05	69-76 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MITSUBISHI				4 Cylinders			
2.0	122		LANCER EVO	-04	95-101 FT/LBS, SEE COMMENTS BELOW *		
2.0	122		No Model	74-82	83-90 FT/LBS	FLAT	7604
2.0	122	5	CORDIA	83	94-101 FT/LBS	FLAT	
2.0	122	D	CORDIA	84-86	94-101 FT/LBS	FLAT	
2.0	122	D	CORDIA	87	94-104 FT/LBS	FLAT	
2.0	122	D	CORDIA	88-89	94-101 FT/LBS	FLAT	
2.0	122	E	ECLIPSE	93-94	96-103 FT/LBS	NO LESS THAN .608-.610 CUP	0820 9801
2.0	122	F	ECLIPSE	95-99	94-101 FT/LBS	NO LESS THAN .6080-.6100" CUP	0820 9801
2.0	122	R	ECLIPSE	90-92	94-101 FT/LBS	NO LESS THAN .608-.610 CUP SOME ARE FLAT	0820 9801
2.0	122	U	No Model	90-92	94-101 FT/LBS	NO LESS THAN .608-.610 CUP	0820 9801
2.0	122	V	GALANT	89-92	94-101 FT/LBS	FLAT	
2.0	122	Y	ECLIPSE	95-99	65-75 FT/LBS	.612" CUP FOR 4WD	
2.1	127	D	No Model	74-89	57-65 FT/LBS		
2.3	140		4DQ7	-95	58-65 FT/LBS		
2.3	143	J	4D55	83-87	94-101 FT/LBS	FLAT	
2.4	143	G	GALANT	93-04	94-101 FT/LBS	NO LESS THAN .608-.610 CUP	
2.4	143	IND	4G64	94-97	94-101 FT/LBS	FLAT OR NO LESS THAN .608-.610 CUP	
2.4	143	L	GALANT	94-95	94-101 FT/LBS	NO LESS THAN .608-.610 CUP	
2.4	143	L	No Model	85-86	94-101 FT/LBS	.119 CUP	
2.4	143	L	VAN	87-88	94-101 FT/LBS	FLAT	
2.4	143	W	No Model	89-92	94-101 FT/LBS	FLAT	
2.5	151		No Model		100 FT/LBS		
2.5	151		No Model		96 FT/LBS		
2.6	156	7	No Model	83-89	94-101 FT/LBS	FLAT	
2.6	156	E	MONTERO	83-85	94-101 FT/LBS	FLAT	
2.6	156	E	MONTERO	86-90	94-101 FT/LBS	FLAT	
2.6	156	H	STARION	84-85	94-101 FT/LBS	FLAT	
2.6	156	H	STARION	86-87	94-101 FT/LBS	FLAT FROM 1983-5/87, .020" STEP STARTING IN 6/87	
2.6	156	N	No Model	83-85	94-101 FT/LBS		
2.6	156	N	No Model	86-89	94-101 FT/LBS		
2.8	173		4M40	97-00	92 FT/LBS		
3.3	201		4D31T	87-92	76 FT/LBS	.910" MINIMUM	
3.3	203		S4S		57-65 FT/LBS		
3.3	203		S4S-D		57-65 FT/LBS		
3.9	238		4D34T	92-94	130 FT/LBS	.910" MIN. THICKNESS	
4.3	259		S4K		57-65 FT/LBS		
MITSUBISHI				6 Cylinders			
3.0	181	3	No Model	87-91	108-116#, 70# (SEAL BOLTS)	* .119" CUP OR FLAT	
3.0	181	B	3000GT	91-94	55 FT/LBS	.605-.608 CUP SEG/PEDESTALS	2922 722W K10
3.0	181	C	3000GT	91-92	55 FT/LBS	*.827" CUP DIMENSION 4WD	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
MITSUBISHI				6 Cylinders			
3.0	181	H	DIMANTE	93-96	53-56 FT/LBS	* .620, OR FLAT	
3.0	181	H	MONTERO	89-94	55 FT/LBS, 55 FT/LBS FLEX PLATE		
3.0	181	H	MONTERO	95-03	53-55 FT/LBS		
3.0	181	J	3000GT	93-98	55 FT/LBS	* .826" CUP 4WD, .612" CUP 2WD	2ADT
3.0	181	K	3000GT	93-98	55 FT/LBS	* .600-.605 CUP	2A110 72DT
3.0	181	S	GALANT	88-92	53-55 FT/LBS	* .119" CUP GALANT, FLAT MONTERO & P/UP	
3.5	213		No Model	94-97	DRIVE PLATE 54#, REAR PLATE 8#		
3.5	213	M	MONTERO	94-96	53-55 FT/LBS FLEXPLATE		
3.5	213	R	MONTERO	97-04	DRIVE PLATE 54 FT/LBS		
5.0	305		S6S		57-65 FT/LBS		
5.0	305		S6S-D		57-65 FT/LBS		
5.4	331		6DS7		60 FT/LBS		
5.9	357		6D34T	95-00	29 FT/LBS, +40-50r		
11.2	680		6D22	92-95	232 FT/LBS		
MURPHY				1 Cylinder			
0.8	46		D302-1		89-92 FT/LBS, HOUSING 44-48#		
MURPHY				2 Cylinders			
1.5	91		D202-2		89-92 FT/LBS, HOUSING 44-48#		
1.9	115		D327-2		M12-10.9:89-92#, M12-12.9:112#		
1.9	115	2	D327-2		M16-10-9: 211-217 FT/LBS		
2.1	127		D226-2		M12-10.9:89-92#, M12-12.9:109#		
2.1	127	2	D226-2		M16-10-9:215#, M16-12.9:259#		
MURPHY				3 Cylinders			
2.2	136		D202-3		89-92 FT/LBS, HOUSING 44-48#		
MWM				3 Cylinders			
2.9	177		D229-3	00-05	88-93 FT/LBS		
MWM				4 Cylinders			
3.9	239		D229-4	00-05	84-93 FT/LBS		
3.9	239		TD229-4	00-05	84-93 FT/LBS		
						NUT FOR VALVE ADJUSTING SCREW 15-19 FT/LBS	
MWM				6 Cylinders			
5.9	359		D229-6	00-05	84-93 FT/LBS		
5.9	359		TD229-6	00-05	84-93 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
NAVISTAR			3 Cylinders				
0.8	52		234		83-90 FT/LBS		
1.0	60		244		83-90 FT/LBS		
1.1	65		254		83-90 FT/LBS		
1.6	99		274		65-72 FT/LBS		
2.5	155	D155	385			1.432-1.442 CUP	676994R12
2.9	179		454		85 FT/LBS	1.428-1.443" CUP	3136044R1 3144614R91
NAVISTAR			4 Cylinders				
1.2	71		284		64 FT/LBS		
2.0	123		SUPER C		40-42 FT/LBS	1.188" OR 1.125" CUP	351217R81 372434R11 635096R11
2.2	135	C(1)	2404			1.188" OR 1.125" CUP, OR FLAT	367751R11 376810R91 376887R11 635093R11 635094R11
2.2	135	C(2)	2404			1.188 CUP	
2.3	144	D	B275			1.313" CUP	3041456R11 751129R31
2.3	144	G(1)	354			1.344" CUP OR FLAT	3045089R11 3047594R11
2.3	146	G	2424		45-52 FT/LBS	.800" OR 1.344" CUP, OR FLAT	385673R11 388577R11 653093R11
2.5	152		No Model	61-68	45-55 FT/LBS	FLAT	
2.5	152	C	No Model			1.188" CUP	
2.5	153	C	2504		37-45 FT/LBS	1.188" OR 1.344" CUP	376887R11 388577R11 396418R91
2.5	154	D	2424			1.344 CUP	3044003R 3044003R11 3045089R 3046388R11
2.6	157	C(1)	454		75 FT/LBS	1.443" CUP	405866R11
2.7	166	D	340		45-55 FT/LBS	1.188" CUP	310378R11
2.7	169	C(1)	300, 300HC			1.1875" CUP	360867R11
2.8	175	C	464		65-68 FT/LBS	1.443 CUP	3136044R3 3144615R1 405860R11
2.8	175	C(1)	350, 350H, 350H			1.1875" CUP	360867R11
2.8	175	C.	464		75 FT/LBS	1.443 CUP	3136044R3 405860R11
3.0	188	D	504		45-55 FT/LBS	1.188" CUP	310378R11 701095C91 710095C91
3.2	196	1/2V8	No Model	80-83	FLY: 45-55 FT/LBS	FLAT	
3.3	200	C	544		65-68 FT/LBS	1.188", 1.443" & 1.470" CUP	396419R91 405860R11 405862R11
3.4	206	D206	584		30,59,107 FT/LBS W/OIL ON BLT	1.432-1.442 CUP	121364044
3.8	239	D239	544		30,59,107 FT/LBS	1.432-1.442 CUP	
3.9	239	D239	544		30, 59, 107 FT/LBS	1.432-1.442 CUP OR 1.181" CUP	3132157R11 3136041R11 3144211R91

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
NAVISTAR			4 Cylinders				
4.0	246	D-246	784		30,59,107 FT/LBS	1.433 CUP	3136044R4
4.1	248	C	M			1.438 CUP	
4.1	248	C	M	61-68		1.406" CUP	356995R11
4.1	248	D	M		65-68 FT/LBS		
4.3	264	C	T4, T6, T9, 656,	50-62		1.406" CUP	
4.3	264	D	No Model	50-62	67 FT/LBS	1.406" CUP	
4.4	268	D	510B	75-85		1.406" Cup Dimension	1808414C2
4.6	281	D281	450			1.406" CUP	266141R91
4.7	284		F30	37-40		FLAT	
5.5	335	D	WD9, WDR9			1.438" CUP	
5.7	350	D	TD-9, 600, 650, S			1.438" CUP	266536R91
7.5	461		TD-14		180 FT/LBS		
NAVISTAR			6 Cylinders				
3.6	220	BD	No Model	55-63	70-80 FT/LBS	FLAT	
3.6	220	BG	No Model			FLAT	
3.6	220	U	560	50-68		FLAT OR 1.406"	
3.6	221	C	460		60 FT/LBS	1.188" OR 1.437" CUP	367505R31 396420R91 496419R91
3.8	232		No Model	68-74	100, 110 FT/LBS	FLAT	
3.8	236	D	460			1.181-1.188" OR 1.437" CUP	367505R1 367505R31 396419R91 396420R91
3.9	240		BLACK DIAMON	63-69		FLAT	
3.9	241	BG	No Model	57-67	70-80 FT/LBS	FLAT	
4.2	258	6	No Model	72-74		FLAT	
4.3	263	C(1)	560		60 FT/LBS	FLAT, OR 1.406" OR 1.437" CUP	367506R11 378614R31 396420R91
4.3	264		400	63-74		1.406" CUP	
4.4	269		U, B, BD	40-69	90-100 FT/LBS	FLAT	
4.5	275		V-275	05-06	69 FT/LBS		
4.6	282	D	560		60 FT/LBS	* 1.188" OR 1.406", CUP OR STEP .437" TO .500" MAX	278273R11 323979R92 388302R21
4.6	282	G	UTD282	53-70		FLAT	
4.8	291	C	666, 706, 766			1.437" OR .120" CUP	396420R91 398062R91
4.9	301	C	806			1.406" CUP	378614R31
5.0	308	BD	BD308	55-57		FLAT	
5.0	308	G	No Model			FLAT	
5.0	308	U	No Model			FLAT	
5.1	310	D-310	706		100 FT/LBS	1.406" CUP	3055980R11 30559890R1
5.1	312		HYDRO 70		123 FT/LBS	1.437" CUP	680712C91
5.8	354		No Model		80 FT/LBS	FLAT	
5.8	358	D	826			1.406" CUP	3055980R11
5.9	360	D(1)	766		123 FT/LBS	1.406" OR 1.938" CUP	672211C91
5.9	360	DT	DT360	87-94	110 FT/LBS	1.500" NEW, 1.430" MIN	
5.9	361	D	806	60-72	95 FT/LBS	1.406" OR 1.948" CUP	326760R31 341603R21
6.1	372		WD-9	49-69		FLAT	
6.7	406		WD-9	49-69		FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
NAVISTAR							
6 Cylinders							
6.7	407	D	856		95 FT/LBS	1.406" or 1.938" Cup	
6.7	407	DT	1256		95 FT/LBS	1.406" or 1.938" Cup	
6.7	408	408	DT408	93-96	110 FT/LBS	1.430 MIN *	
6.8	414	D	1066		123 FT/LBS	1.938 CUP, CRANK FLANGE-CLUTCH 1.482 MIN 14" CLUTCH	672215C91
7.0	429	DT	TD20		1/2" = 123, 5/8" = 220 FT/LBS		
7.1	436	D	1486		123 FT/LBS	1.9380 CUP, DT436 B 1.406", A 1.594 MIN 1.514	10523771
7.4	450		WD-9	49-69	150-160 FT/LBS	FLAT	
7.6	466		DT466	94-96	100 FT/LBS	FLAT	
7.6	466		DT466E	00-04	110 FT/LBS	FLAT 1.430" MIN, CUP 1.550 ALSO 2.938" CUP	
7.6	466	1990	DT466C	90-93	100 FT/LBS	1.430 MIN*	
7.6	466	B	DT466B & C	80-90	100 FT/LBS	1.430 MIN *	
7.6	466	C	DT466C	88-90	100 FT/LBS	1.430 MIN *	
7.6	466	DT	DT466B	49-76	100 FT/LBS	1.430 MIN *	
7.6	466	E	DT466E	97-99	110 FT/LBS, 80 FT/LBS HOUSING	NEW 1.804" FROM CRANK FLANGE 1.768" MIN	
8.2	501		No Model	49-69	150-160 FT/LBS	FLAT	
8.7	530		530	93-96	100 FT/LBS	1.430 MIN *	
8.7	530	E	530	97-04	100 FT/LBS	1.430 MIN *	1821916C1
9.1	554		TD18		170-190 FT/LBS		
13.4	817		A SERIES		235 FT/LBS		
13.4	817	817-B	B SERIES		235 FT/LBS		
13.4	817	817-C	C SERIES		225 FT/LBS		
NAVISTAR							
8 Cylinders							
4.3	266	266	No Model	66-71	FLY:45-55 FT/LBS	FLAT	
5.0	304		304A	58-80	FLY:45-55 FT/LBS	FLAT	
5.7	345		No Model	76-81	FLY: 45-55 FT/LBS	* FLAT	
6.0	365		V365	03-05	69 FT/LBS		
6.4	392		No Model	56-83	FLY: 45-55 FT/LBS	FLAT	
6.5	401	V	No Model	62-74		FLAT	
6.6	404	MV	No Model	80-86	45-60 FT/LBS	* FROM CRANK FLANGE 1.585" MIN, NEW IS 1.625"	
6.9	420	D	No Model	83-88	47 FT/LBS W/SEALER	* 1.479-1.481 NEW, 1.410 MIN	1803217 1895256
7.3	444	D	No Model	88-94	47 FT/LBS ----->>>	* 1.410" MIN	
7.3	444	T444E	T444E	94-04	89 FT/LBS	NEW 1.794-1.814" AND 1.768" MIN	1301V
7.3	446	MV	No Model	74-82		FLAT - .750"	
7.5	461	UV	No Model	56-68		FLAT	
7.8	478		No Model	56-78	95-100 FT/LBS	FLAT, 1.585 MINIMUM	
9.0	549	G	No Model	60-78	95-100 FT/LBS	FLAT - 1.585 MIN	133469R11
9.0	550	DV	1468		110 FT/LBS	FLAT - 1.585 MIN OR 1.938" CUP	538160R11
9.0	551	D	No Model	78-85	110-115 FT/LBS	1.585 MIN FRICTION PAD/CRANK	
9.4	573	D	TD20		220 FT/LBS		
9.9	605		No Model		95-100 FT/LBS		
13.1	800	DVT	4586			2.937 CUP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
NISSAN				3 Cylinders			
1.6	99		SD-16		65-72 FT/LBS		
NISSAN				4 Cylinders			
1.2	72	A12	No Model	72	50 FT/LBS	.015" STEP	
1.2	72	A12	No Model	73	50 FT/LBS	.015" STEP	
1.2	76	A12A	No Model	80	61 FT/LBS		
1.2	76	A12A	No Model	81-82	61 FT/LBS	.015" STEP	
1.3	79	A13	No Model	74	57 FT/LBS	.015" STEP	
1.4	85	A14	210	79-80	61 FT/LBS		
1.4	85	A14	210	81-82		CUP -.807 NEW/MX STK RMV.020"	
1.4	85	A14	B210	75-77	57 FT/LBS	.007" STEP, ALSO .015" STEP FOR B210, .735" CUP FOR F10	
1.4	85	A14	B210	78	57 FT/LBS	.015" STEP B210 & 210, .735" CUP F10	
1.5	69		D11	66-78	29-30 FT/LBS		
1.5	90		J15	69-90	36-43 FT/LBS, HOUSING 22-29 FT/LBS		
1.5	91		H15		98-105 FT/LBS, HOUSING 32-43 FT/LBS		
1.5	91	A15	210	79-80	61 FT/LBS	.015" STEP FOR 210	
1.5	91	A15	210	81-82		.015" STEP, .735" CUP FOR 310 IN 1981 DIAPHRAGM ONLY	
1.5	91	E15	PULSAR	82-83	58-65 FT/LBS	SENTRA&310=.015" STEP,PULSAR TURBO=.005" STEP (1983-85)	
1.6	97	A	SENTRA	91-98	61-69# FLY, 69-76# FLEX	.007-.010" STEP	
1.6	97	CA16D	No Model	87	61-69 FT/LBS	.005" STEP FOR PULSAR	
1.6	97	E16	PULSAR	83-86	58-65 FT/LBS	* .006-.010 STEP, ALSO .015" STEP	
1.6	97	E16I	No Model	86-88	58-65 FT/LBS	* .010" STEP FOR PULSAR, .005-.010" STEP FOR SENTRA	
1.6	97	E16S	No Model	86-88	58-65 FT/LBS	* .005-.010" STEP FOR SENTRA, .005" STEP FOR PULSAR	
1.6	97	GA16I	SENTRA	89-90	69-76# FLEX, 61-69# FLY	* .006-.010" STEP	
1.6	97	L16	No Model	72	72 FT/LBS		15250
1.6	97	L16	No Model	73	108 FT/LBS		
1.6	98	R16	No Model	66-68		.004" STEP	
1.6	98	R16	No Model	69-70		.004" STEP	
1.7	102	CD17	SENTRA	83-87	72-80 FT/LBS	.015" STEP IN 1982-85, 1986-87 IS UNKNOWN	
1.8	108	A	SENTRA	00-04	M/T 61-69 FT/LBS, A/T 69-76 FT/LBS		
1.8	108	L18	No Model	73-74	108 FT/LBS	.004-.005" STEP	
1.8	110	CA18D	PULSAR	88-89	61-69 FT/LBS	.006" STEP	
1.8	110	CA18E	No Model	84-86	72-80 FT/LBS	.006" STEP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
NISSAN							
4 Cylinders							
2.0	119	L20B	510	74-79	108 FT/LBS	.005" STEP FOR ALL EXCEPT P/UP WHICH HAS .006" STEP	
2.0	119	L20B	No Model	80-80	108 FT/LBS	.005" STEP FOR 510, .006" STEP FOR PICKUP	
2.0	119	Z20	No Model	84-86	101-116 FT/LBS	.004" STEP	
2.0	119	Z20E	200SX	80	108 FT/LBS	.005" STEP	
2.0	119	Z20E	200SX	81	108 FT/LBS	.005" STEP	
2.0	119	Z20S	510	80	108 FT/LBS		
2.0	119	Z20S	510	81	108 FT/LBS	.005-.015 STEP	
2.0	120	CA20S	No Model	82-83	72-80 FT/LBS	.004-.005" STEP	D18E
2.0	120	H	200SX	84-86	72-80 FT/LBS	.006-.010 STEP	
2.0	120	H	200SX	87-89	72-80 FT/LBS	.006-.010" STEP	
2.0	121		H20	77-92	43-54 FT/LBS		
2.0	121		H20-II	93-02	98-105 FT/LBS, HOUSING: 32-43#		
2.0	122	B	200SX	95-99	61-69 FT/LBS	.007-.010" STEP	
2.0	122	SR20	SENTRA	91-96	61-69 FT/LBS	.006" STEP	
2.2	132	SD22	SD22	81-83	35 FT/LBS		
2.2	133	Z22	720 PICKUP	82		.006" STEP 200SX	
2.2	133	Z22E	No Model	82-83	101-116 FT/LBS	.006" STEP 200SX	
2.3	140	SD23	No Model	82-87	108-123 FT/LBS		
2.4	146	A	240SX	95-01	105-112 FT/LBS	.006" STEP	
2.4	146	B	ALTIMA	91-97	105-112 FT/LBS	.003" STEP	
2.4	146	H	240SX	89-90		.004-.006" STEP	409 937
2.4	146	H	240SX	92-94	105-112 FT/LBS	.006" STEP	
2.4	146	H	AXXESS	90	105-112 FT/LBS		
2.4	146	M	240SX	89-91	AUTO 105-112;MAN 69-76 FT/LBS	.003-.006" STEP	
2.4	146	S	STANZA	91-98	FLEX 69-76#, STD FLY 1991-98 105-112 FT/LBS	.005-.006" STEP	T50 X16C
2.4	146	Z24	720 PICKUP	83-89	FLEX 69-75# FLY 105-112 FT/LBS	.004-.006" STEP	929 E30
2.4	146	Z24I	PATHFINDER	86-90	FLEX 65-79, FLY 105-112 FT/LBS	.004-.006" STEP	
2.5	151		H25		98-105 FT/LBS, HOUSING: 32-43#		
2.5	152		TD25	88-92	122 FT/LBS		
2.5	152	SD25	No Model	83-87	108-123 FT/LBS	.006" STEP	
2.7	163		TD27	88-92	114 FT/LBS		
3.5	211		FD35T	86-90	108-112 FT/LBS		
4.6	282		FD46T	99-04	195-210#, HOUSING M10=53-61#, M12=69-83#		
4.7	288		J05D-TA	05-06	137#, LOOSEN, 137# -W/OIL		
NISSAN							
6 Cylinders							
2.4	146	L24	240Z	70-73	1970-72 101 FT/LBS, 1973 101-123 FT/LBS	.010 STEP, .003" STEP 240Z	
2.4	146	L24E	MAXIMA	81-84	51-61 FT/LBS	.006-.010" STEP	16E
2.4	146	L24E	No Model	77-80	101 FT/LBS	.005 STEP	
2.6	156	L26	260Z	74	100 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
NISSAN				6 Cylinders			
2.6	157	RB26D	SKYLINE	89-99	105-112 FT/LBS		
2.8	168	L28E	280ZX	75-80	94-108 FT/LBS	.006" STEP, 2+2 & TURBO HAVE .005" STEP	
2.8	168	L28E	280ZX	81-83		.006" STEP, 2+2 & TURBO HAVE .005" STEP	
2.8	168	L28ET	280ZX	81-83	94-108 FT/LBS	.003-.006 STEP	
2.8	170	LD28	No Model	81-84	101-116 FT/LBS	.005 STEP	
3.0	181	C	No Model	90-96	61-69 FT/LBS		
3.0	181	E	MAXIMA	92-94	61-69 FT/LBS	.006" STEP	
3.0	181	R	300ZX	90-94	61-69 FT/LBS	.005" CUP ON 5-SPEED	
3.0	181	VG30	200SX	84-86	72-80 FT/LBS	.005-.008" STEP	328 V50
3.0	181	VG30	300ZX	90-96	61-69 FT/LBS	.005" STEP	
3.0	181	VG30	MAXIMA	84-87	72-80 FT/LBS	.005-.008" STEP	328 V50
3.0	181	VG30	MAXIMA	87-95	72-80 FT/LBS	.004-.006" STEP	
3.0	181	VG30E	MAXIMA	87-97	72-80 FT/LBS	.005-.008" STEP	
3.0	181	VG30I	PATHFINDER	86-89	72-80 FT/LBS		
3.0	182	C	No Model	95-00	61-69 FT/LBS	.004" (.101 mm) STEP	
3.3	199	SD33	No Model	81-83	33-36 FT/LBS		
3.3	201	T	PATHFINDER	96-04	72-80 FT/LBS		
3.5	213	VQ35D	PATHFINDER	01-05	61-69 FT/LBS		
4.0	241		No Model	79-86	58-72 FT/LBS, HOUSING: 38-54 FT/LBS		
4.0	241	P	No Model	65-78	68-72 FT/LBS		
4.0	243	DIESL	No Model		75.9-83.2 FT/LBS		
4.2	254		TB42	90-97	108-123 FT/LBS		
4.2	254		TD42T	90-99	108-123 FT/LBS *	SEE COMMENTS	
5.7	345		FD6		129 FT/LBS, M8 BOLTS: 11-15 FT/LBS		
6.9	423		FE6	80-90	M8: 11-14#, M10: 51-54#		
6.9	423		FE6T	88-91	M8: 11-14#, M10: 51-54#		
6.9	423		FE6TA	92-97	M8: 11-14#, M10: 51-54#	1.890" from top of pedestal to friction pad.	
6.9	423		UD	98-04	174-188#, HOUSING M12=51-54#, M8=11-14#		
10.3	629		PD6T		130-134 FT/LBS		
11.7	712		PE6T		130-134 FT/LBS		
OLIVER				4 Cylinders			
3.1	191		1355		69-76 FT/LBS		
3.4	210		1365		69-76 FT/LBS		
4.6	278		B10		65-72 FT/LBS		
OLIVER				6 Cylinders			
3.8	232	D	1550		66-69 FT/LBS		
5.1	310		VRD310		67-69 FT LBS	.125-.132" CUP *	
5.8	354		1850		80 FT/LBS	.125" CUP	
7.0	425		425C		70-75 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
OLIVER					6 Cylinders		
7.4	451		D451		70-75 FT/LBS		
7.8	478	D	478			1.215 OR 2.220 CUP	
8.3	504		504B		70-75 FT/LBS		
9.6	585		D585		78-82 FT/LBS		
OMC					8 Cylinders		
5.0	302		No Model		45 FT/LBS		
5.8	351		No Model		45 FT/LBS		
7.5	460	M460	No Model		75-85 FT/LBS		
ONAN					2 Cylinders		
0.7	43		B43E		50-55 FT/LBS		
0.8	48		BGM		50-55 FT/LBS		
0.8	48		P248V		50-55 FT/LBS		
1.0	60		NHM		50-55 FT/LBS		
ONAN					3 Cylinders		
1.7	105		L317		50 FT/LBS, 62# FLY HOUSING		
ONAN					4 Cylinders		
2.3	140		L423		50 FT/LBS, 62# FLY HOUSING		
2.3	140	L	L SERIES		50 FT/LBS, HOUSING 62 FT/LBS		
ONAN					6 Cylinders		
3.4	210		L SERIES		50 FT/LBS, HOUSING 62 FT/LBS		
3.4	210	TURBO	L SERIES		50 FT/LBS, HOUSING 62 FT/LBS		
OPEL					4 Cylinders		
1.5	91		No Model	67-68		.180" CUP	
1.8	111	B	No Model	76-79		.008" CUP	
1.9	116	N	No Model	67-75		.180" CUP	
PACKARD					2 Cylinders		
7.8	473		No Model	35-39	65-70 FT/LBS		
PACKARD					6 Cylinders		
3.9	237		No Model	37	65-70 FT/LBS		
4.0	245		No Model	39-48	65-70 FT/LBS		
PACKARD					8 Cylinders		
4.6	282		No Model	35-47	65-70 FT/LBS		
5.2	320	1	No Model	33-39	65-70 FT/LBS		
5.8	356	2	No Model	40-50	65-70 FT/LBS		
6.3	384		No Model	31-36	65-70 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
PERKINS				2 Cylinders			
0.4	25		102.04		51-58 FT/LBS, BACKPLATE 9-12 FT/LBS		
0.5	28		102.05	86-00	54 FT/LBS, 11 FT/LBS BACKPLATE	FLAT	
PERKINS				3 Cylinders			
0.6	38		103.06		51-58 FT/LBS, BACKPLATE 9-12 FT/LBS	FLAT	
0.7	41		103.07		51-58 FT/LBS, 9-12 FT/LBS BACKPLATE	FLAT	
0.9	53		103.09		43-51 FT/LBS, BACKPLATE 34-40 FT/LBS		
1.0	59		103.10	98-00	43-51 FT/LBS, 34-40 FT/LBS BACKPLATE	FLAT	
1.3	81		103.13		54 FT/LBS, 11 FT/LBS BACKPLATE BOLTS	FLAT	
1.5	91		103.15	99-00	54 FT/LBS, 11 FT/LBS BACKPLATE	FLAT	
2.4	144		144		75 FT/LBS		
2.5	152		152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	1	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	D	152		78 FT/LBS, 36# HOUSING	*	
2.5	152	D(2)	152		78 FT/LBS, HOUSING: 36 FT/LBS		
2.5	152	D(3)	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	D(4)	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	D(5)	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	D(6)	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	D(7)	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	D(8)	152		78 FT/LBS, 36 FT/LBS HOUSING		
2.5	152	G	152		74-80 FT/LBS		
2.7	164		309		89 FT/LBS		
2.7	165		900 SERIES		105 FT/LBS, HOUSING 44 FT/LBS		
3.3	201		311		89 FT/LBS		
PERKINS				4 Cylinders			
1.6	99	D	.99		60 FT/LBS		
1.8	107	D	108		60 FT/LBS		
2.0	121		PRIMA		48 FT/LBS, 16 FT/LBS HOUSING		
2.0	122		104.19		54 FT/LBS, 11 FT/LBS BACKPLATE	FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
PERKINS				4 Cylinders			
2.2	135		104.22		54 FT/LBS, 11 FT/LBS BACKPLATE	FLAT	
2.5	154	D	154		80 FT/LBS		
2.5	154	D	154.2		119 FT/LBS		
2.6	159		704		74 FT/LBS		
3.0	182	D	182	94-99	119 FT/LBS		
3.0	183		704		74 FT/LBS		
3.0	183		704		74 FT/LBS		
3.2	192	D	192		80 ft/lbs		
3.3	203	D	203			1.710" DUAL DISC FORGED CLUTCH FINGERS	
3.3	203	G	203		80 FT/LBS		
3.5	212		212		75-80 FT/LBS		
3.5	212	D	212		80# SETSCREWS, 90# PLACE BOLTS		
3.5	212	D(2)	212		80# SETSCREWS, 90# PLACE BOLTS		
3.9	236	D	236		80# SETSCREWS,90# PLACE BOLTS		
3.9	236	D(1)	236		80# SETSCREWS, 90# PLACE BOLTS		
3.9	236	D(2)	236		80# SETSCREWS, 90# PLACE BOLTS		
3.9	236	D(3)	236		80# SETSCREWS, 90# PLACE BOLTS		
3.9	236	D(4)	236		80# SETSCREWS, 90# PLACE BOLTS		
3.9	236	G	236		77 FT/LBS		
4.0	243		1000	88-96	77 FT/LBS		
4.0	243	TURBO	1000	88-96	77 FT/LBS		
4.1	248		4.41		77 FT/LBS - * SEE COMMENTS BELOW		
4.1	248	D	248		80# SETSCREWS, 90# PLACE BOLTS		
4.1	248	D(2)	248		80# SETSCREWS, 90# PLACE BOLTS		
4.4	268		411		89 FT/LBS		
4.4	270	D	270		75 FT/LBS		
5.0	302		302		75 FT/LBS	.423-.453 CUP	
5.2	318		318		80 FT/LBS	1.406-1.407 CUP	
PERKINS				6 Cylinders			
5.8	354		354		80 FT/LBS	FLAT	
5.8	354		354.1		80 FT/LBS	.410-.435" (10.414-11.049 mm)	
5.8	354		354.2		80 FT/LBS		
5.8	354		3543		80 FT/LBS		
5.8	354		3544		80 FT/LBS		
5.8	354	1	3544		80 FT/LBS		
6.1	372		372		80 FT/LBS		
6.6	402		611		89 FT/LBS		

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
PERKINS					6 Cylinders		
12.2	743		2000 SERIES		90 FT/LBS, HOUSING 70 FT/LBS		
PERKINS					8 Cylinders		
8.4	510		510		80 FT/LBS		
8.9	540		540		80 FT/LBS		
8.9	540	TURBO	540		80 FT/LBS		
10.5	640		640		80 FT/LBS		
PEUGEOT					3 Cylinders		
0.0	0		TUD5		48 FT/LBS	*	
PEUGEOT					4 Cylinders		
1.6	97	A	No Model	83-86	55 FT/LBS		
1.9	116		No Model	88-91			.020 REPORTED STEP
1.9	116		XUD9	95-96	37 FT/LBS		
1.9	116	DOHC	No Model	88-91			.020 REPORTED STEP
2.0	119	D	XD88		47-50 FT/LBS		
2.0	120	XN	No Model	71-79	50 FT/LBS		1.0300" (26.162 MM)
2.0	120	XN6	No Model	80-87	49 FT/LBS		1.030" CUP
2.2	132		No Model	85-90	58 FT/LBS		
2.2	132	1	No Model	87-90	58 FT/LBS		1.030" CUP
2.2	132	ZDJL	No Model	85-86	58 FT/LBS		1.030" CUP
2.3	141		No Model	77-81	55-58 FT/LBS		1.030" CUP
2.3	141	XD	No Model	85-88	55-58 FT/LBS		
PEUGEOT					6 Cylinders		
2.8	174		No Model	87-88	33-37 FT/LBS		
PORSCHE					4 Cylinders		
1.6	97	356C	912	60-69	253-271 FT/LBS		.880" CUP 1965-69, EARLIER YEARS UNKNOWN
1.7	102	EA	914	73	79.6 FT/LBS		.950" CUP
1.7	102	EB	No Model	73			.950" CUP
1.8	109	EC	914	74-76	80 FT/LBS		.950" CUP
2.0	120	GA	914	73-74	79.6 FT/LBS		.950" CUP DIMENSION
2.0	120	GC	914	75-76	79.6 FT/LBS		.837" CUP, ALSO .950" CUP
2.0	121	M3	924	80-82	1981: 65 FT/LB, 1982: 72 FT/LB		
2.0	121	VC	924	80-82			.011" STEP
2.0	121	XG	924	76-79	65 FT/LBS		.011" STEP
2.0	121	XH	924	76-77	65 FT/LBS		.011" STEP
2.5	151	42	924S	87-88	66 FT/LBS		.500 AND .530 REPORTED
							944-102-105-3 R
2.5	151	43D	944	82-88	65 FT/LBS		
2.5	151	45H	944	86-91	65 FT/LBS		
2.5	151	45J	944S	87-88	66 FT/LBS		
2.5	151	46	944	88			NEW FLYWHEEL .530" #6933 4-17-03 MC

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
PORSCHE					4 Cylinders		
3.0	181	S2	968	92-95	29,66#, FLY-SPROCKET=10 #		
3.0	182		944S2	89-91	29, 66 FT/LBS		
PORSCHE					6 Cylinders		
2.0	121	914	914	-72	108.5 FT/LBS		
2.3	143	61	911E	72-73	108 FT/LBS		
2.5	153		BOXSTER	97-05	THRUST PLATE TO FLY M8=17#		
2.7	164	62	911S	77	111 FT/LBS		
2.7	164	64	911	74-76	111 FT/LBS		
2.7	164	65	911S	74-76	111 FT/LBS		
3.0	183	62(3)	911	78-79	66 FT/LBS		
3.0	183	64(2)	911SC	80-83	65 FT/LBS		
3.0	183	65(2)	911SC	78-79	66 FT/LBS		
3.0	183	68(3)	930 CARRERA	76-77	108 FT/LBS		
3.2	193		911 CARRERA	84-89	65 FT/LBS		
3.2	195		BOXSTER S	00-05	THRUST PLATE TO FLY 17#		
3.3	201	67	911	81-86	65 FT/LBS	.3346 MIN	
3.3	201	68	911	86-89	65 FT/LBS	.3898 MIN IN 1987*	9301022333R
3.6	220	M64	911 CARRERA	89-96	66 FT/LBS		
PORSCHE					8 Cylinders		
4.5	273	81	928	80-82	69-73 FT/LBS		
4.5	273	82	928	78-79	69-73 FT/LBS		
4.7	285	83	928S	83-84	65 FT/LBS		
5.0	302	V	928	85-86	69-73 FT/LBS		
RENAULT					1 Cylinder		
0.3	16	RC8D	No Model		33 FT/LBS		
RENAULT					4 Cylinders		
0.8	48	R839	No Model		30-35 FT/LBS		
0.8	52	R800	No Model		30-35 FT/LBS		
1.4	85		LE CAR	80-84		.020" STEP	
1.6	95	821	R16	68-72	FLY 37 FT/LBS,FLEX 48-52 FT/LB	.020" STEP	
1.6	101		18I	81-84	FLY 37 FT/LBS, FLEX 48-52#	.020" STEP, TURBO: 1.030" CUP	
1.7	105	A	No Model	85-87	39 FT/LBS	.020" STEP	
2.0	120	V	No Model	87	39 FT/LBS	.020" STEP	
2.1	126	D	J8S232	83-86	41-45 FT/LBS	FLAT	
2.2	132		No Model	86-91	44 FT/LBS		
2.2	132	1	No Model	84-85	44 FT/LBS	1.030" CUP	
REO					6 Cylinders		
2.1	130	OA	OA130			FLAT	
2.3	145	OA	OA145			FLAT	
2.4	145		No Model			FLAT	
2.6	162	6	No Model			FLAT	
2.7	170	6	No Model			FLAT	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
REO			6 Cylinders				
2.7	170	OH	No Model			FLAT	
2.8	170		OH170			FLAT	
3.0	186		No Model			FLAT	
3.0	186	6	No Model			FLAT	
3.0	186	OH	OH186			FLAT	
4.2	255	OA110	OA110	58-65	60-67 FT/LBS		
4.8	292	OA130	OA130	58-67	60-67 FT/LBS		
5.4	331		OA145	58-67	60-67 FT/LBS		
5.4	331	OH170	OH170	57-67	60-67 FT/LBS		
5.9	362	OH185	OH185	59-67	60-67 FT/LBS		
6.6	400	OH200	OH200	61-67	60-67 FT/LBS		
REO			8 Cylinders				
6.4	390	OV195	OV200	55-58	MODEL OV-207: 65-70 FT/LBS		
7.2	440	OV235	OV235	56-67	65-70 FT/LBS		
ROVER			4 Cylinders				
2.3	140		No Model	78	60-65 FT/LBS	1.485 MIN THKNS	
ROVER			8 Cylinders				
3.5	217		No Model	79-87	59 FT/LBS	.320-.330" CUP, 1.600" MINIMUM THICKNESS	
3.9	241	2	No Model	89-96	59 FT/LBS	.320-.330" CUP, 1.600" MINIMUM THICKNESS	
4.0	241		No Model	89-96	59 FT/LBS	.830-.840" CUP, 1.600" MIN THICKNESS	
4.0	241	97	No Model	97-00	59 FT/LBS	1.593" (40.450MM) Minimum Thickness	
4.2	256		No Model		59 FT/LBS	.320-.330" CUP, 1.600" MIN THICKNESS	
4.6	278		No Model	96-04	M/T=59 FT/LBS	UP TO ENG #46D00450A .300-.310" CUP, 1.600" MIN THCKNS	
SAAB			4 Cylinders				
1.7	104		No Model	68-72	50 FT/LBS		
1.7	104	V-4	No Model	68-73	50 FT/LBS		
2.0	121	B201	No Model	78-89	43 FT/LBS	FLAT, TURBO 9000 IS UNKNOWN	
2.0	121	B201E	No Model	73-75	43 ft/lbs		
2.0	121	B202	No Model	86-94	44 FT/LBS	FLAT, 9000 IS UNKNOWN & 900 FROM 1990-94 IS UNKNOWN	
2.0	121	L	No Model	84-92	44 FT/LBS	FLAT 1984-90, 1991-92 IS UNKNOWN	
2.0	121	N	9-3	99-02	59 FT/LBS	.073" REPORTED MEMBER #22432 08-26-2004 MC	
2.0	121	T	No Model	94-99	59 FT/LBS		
2.1	129	E	No Model	91-93	44 FT/LBS	FLAT	
2.3	140	B	No Model	96-99	59 FT/LBS	.922" CUP	
2.3	140	E	AERO	98-03	59 FT/LBS		
2.3	140	E	AERO	98-03	59 FT/LBS		
2.3	140	M	No Model	90-95	44 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
SAAB					6 Cylinders		
2.5	152	V	No Model	94-98	48 FT/LBS, +30°		
3.0	230	W	No Model	95-98	48 FT/LBS, +30r	.922" CUP	
SAME					2 Cylinders		
1.8	110		110		108 FT/LBS		
2.1	127		127		108 FT/LBS		
SAME					3 Cylinders		
2.7	166		166		108 FT/LBS		
3.1	190		190		108 FT/LBS		
SAME					4 Cylinders		
3.6	221		221		108 FT/LBS		
4.2	253		253		108 FT/LBS		
SAME					5 Cylinders		
4.5	276		276		108 FT/LBS		
5.2	317		317		108 FT/LBS		
SAME					6 Cylinders		
5.4	331		331		108 FT/LBS		
6.2	380		380		108 FT/LBS		
SATOH					2 Cylinders		
0.0	33		KE55		83-90 FT/LBS		
0.0	41		KE70		MOUNTING BOLT		
					83-90 FT/LBS		
0.0	47		KE75		MOUNTING BOLT		
					83-90 FT/LBS		
SCANIA					6 Cylinders		
0.0	0		475		149 FT/LBS OILED		
0.0	0		477		140 FT/LBS		
7.8	475	D	475		244 FT/LBS, FLY		
					CASING: 75#		
9.0	547		547		132 FT/LBS,		
					HOUSING 66		
					FT/LBS -SEE		
					BELOW		
11.0	672		1103		130 FT/LBS,		
					HOUSING 63		
					FT/LBS		
SHIBAURA					2 Cylinders		
0.7	43		1100		253-325 FT/LBS		
SLANZI					2 Cylinders		
1.8	107		DVA1500		174 FT/LBS		
STERLING					6 Cylinders		
2.5	153		No Model	87-88	76 FT/LBS	.067" CUP	
2.7	163	C27A1	No Model	87-92	76 FT/LBS	.060-.070" CUP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
STUDEBAKER			6 Cylinders				
2.7	170	1E	No Model	55-64	33-35 FT/LBS		
2.8	169		No Model	43-54		FLAT	
3.0	185		No Model	55-58		FLAT	
3.0	185	1E	No Model	55-58		FLAT	
STUDEBAKER			8 Cylinders				
3.8	232		No Model	51-54		FLAT	
4.2	259		No Model	55-64		FLAT	
4.2	259	5E	No Model	55-64		FLAT	
4.7	289		No Model	57-64	33-35 FT/LBS	FLAT	
4.7	289	6E	No Model	57-64		FLAT	
4.7	289	7E	No Model	59-64		FLAT	
4.9	304		No Model	64-65		FLAT	
5.0	304		No Model	63-64		FLAT	
5.7	352		No Model	56-59	55-60 FT/LBS		
SUBARU			3 Cylinders				
1.2	72	7	JUSTY	87-94	65-71 FT/LBS	.830 CUP, ALSO HAVE SEEN .390" CUP	K5
1.2	72	8	JUSTY	90-94	65-71 FT/LBS	.830 CUP, ALSO HAVE SEEN .390" CUP	K5
SUBARU			4 Cylinders				
1.4	83	1400	No Model	73-75		.990" CUP	
1.4	83	1400	No Model	76-76		.990" CUP	
1.6	97	1600	No Model	76-77		.900" CUP	
1.6	97	2	No Model	78-86	30-33 FT/LBS	.900" CUP	30 31 K-5
1.8	109	4,5,7	No Model	80-89	30-33 FT/LBS	.830 & .905 CUP	30 K-3 K-4 K-5
1.8	109	4,5,7	No Model	85-88	51-55 FT/LBS	.905 OR .930 CUP	30 31 K-5
1.8	109	4,5,7	No Model	89-94	51-55 FT/LBS		
1.8	111	2	IMPREZA	93-96	51-55 FT/LBS	+.020" STEP	
2.0	122		IMPREZA WRX	02-05	52.8 FT/LBS		
2.2	135	4	AWD	95-01	51-55 FT/LBS	.002"	
2.2	135	6,3	IMPREZA	95-01	51-55 FT/LBS	.002" STEP	
2.2	135	6,7	LEGACY	91-94	51-55 FT/LBS	+.002" STEP, CLUTCH DICS SURFACE HIGHER THAN MOUNTING	
2.2	135	6,7,8	LEGACY	90-00	58-62 FT/LBS	.002" STEP	
2.5	150	6	IMPREZA	99-04	51-55 FT/LBS		
2.5	150	6	LEGACY	96-05	51-56 FT/LBS	.002" STEP	
SUBARU			6 Cylinders				
2.7	164	8	XT-6	88-91	51-55 FT/LBS	.815" CUP	817
2.7	164	9	XT-6	88-91	51-55 FT/LBS	.815" CUP	817
3.3	202	8	SVX	96-97	51-55 FT/LBS DRIVE PLATE		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
SUPERIOR					6 Cylinders		
50.2	3,064		6G-510		340-360 FT/LBS		
SUPERIOR					8 Cylinders		
108.1	6,597		G-825		640-660 FT/LBS		
SUZUKI					1 Cylinder		
0.1	4		GY15D		18-20 FT/LBS		
0.1	5		GY20D		18-21 FT/LBS		
0.1	5		SE700		22-30 FT/LBS		
SUZUKI					4 Cylinders		
1.0	59		F10A		31 FT/LBS, CLUTCHPLATE=13- 20 FT/LBS		
1.3	79	3	SAMURAI	85-95	42-48 FT/LBS	.070" & .090" CUP	
1.3	79	3	SIDEKICK	92-94	55-59#, SAMURAI 42-48#, SWIFT 49-53#		
1.3	79	3	SWIFT	89-91	42-47 FT/LBS, SIDEKICK:55-57#	FLAT	
1.6	97	G16	TRUCK	99-01	56 FT/LBS		
1.6	97	O	No Model	89-95	55-57 FT/LBS	FLAT	
1.6	97	O	SIDEKICK	92-93	55-59#, SAMURAI 42-48#, SWIFT 49-53#	FLAT	
1.6	97	O	SIDEKICK	94-98	55-59 FT/LBS	FLAT	
1.8	110	2	SIDEKICK	96-02	52 FT/LBS	* FLAT, OR .018" STEP IN 2000	
2.0	122	J20	TRUCK	99-04	52 ft/lbs	*	
SUZUKI					6 Cylinders		
2.5	152		TRUCK	99-02	51 FT/LBS	*	
2.7	165		XL-7	01-02	50.5 FT/LBS	.0230" STEP REPORTED	
TECUMSEH					1 Cylinder		
0.1	8		LAV25		30-33# LIGHT FRAME, 36-40# MED		
0.2	9		H30		30-33# LIGHT FRAME, 36-40# MED		
0.2	9		OVRM40		33-36 FT/LBS		
0.2	10		ECV100		30-33# LIGHT FRAME, SEE BELOW		
0.2	10		H35	83-85	30-33# LIGHT FRAME,36-40# MED		
0.2	10		LAV40		30-33# LIGHT FRAME, 36-40# MED		
0.2	10		LEV100		NUT: (ALUMINUM) 37.5#, (CAST IRON) 46#		
0.2	10		OVRM50		33-36 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
TECUMSEH			1 Cylinder				
0.2	11		LEV115				
					NUT: (ALUMINUM) 37.5#, (CAST IRON) 46#		
0.2	11		TVS105				
					NUT: (ALUMINUM) 37.5#, (CAST IRON) 46#		
0.2	11		TVS115				
					NUT: (ALUMINUM) 37.5#, (CAST IRON) 46#		
0.2	11		V40				
					30-33# LGT FRAME, 36-40# MED		
0.2	12		LAV50				
					36-40# LIGHT FRAME, 36-40# MED		
0.2	12		LEV120				
					NUT: (ALUMINUM) 37.5#, (CAST IRON) 46#		
0.2	12		V50				
					30-33# LIGHT FRAME, 36-40# MED		
0.3	15		V70				
					33-37# LIGHT FRAME, SEE BELOW		
0.3	19		TVM195				
					33-37# LIGHT FRAME, SEE BELOW		
0.3	19		V80				
					33-37# LIGHT FRAME, SEE BELOW		
0.3	19		VM70				
					33-37# LIGHT FRAME, SEE BELOW		
0.3	19		VM80				
					33-37# LIGHT FRAME, SEE BELOW		
0.3	19	1	HH80				
					50-55# HEAVY FRAME, SEE BELOW		
0.3	21		OH120				
					50-55 FT/LBS		
0.4	22		HM100				
					33-37# LIGHT FRAME, SEE BELOW		
0.4	22		OVM120				
					50-55 FT/LBS		
0.4	24		HH80				
					50-55 FT/LBS		
0.5	28		HH120				
					50-55 FT/LBS		
0.5	30		OH180				
					50-55 FT/LBS		
TOYOTA			4 Cylinders				
1.2	71	3K-C	COROLLA	70-79			FLAT
1.3	79	4K-C	STARLETT	81-82			FLAT
1.3	79	4K-E	STARLETT	83-84	40-47 FT/LBS		.020" STEP
1.5	89		3P				.020" STEP
1.5	89	1A-C	TERCEL	80-80			.065" CUP
1.5	89	3A	TERCEL	80-86	55-61 FT/LBS		.055 CUP
1.5	89	3A-C	TERCEL	81-88	55-61 FT/LBS		.065" CUP 1981- 4/1982, .020" STEP FROM 5/1982-1988

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AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
TOYOTA				4 Cylinders			
1.5	89	3E	TERCEL	87-90	FLY = 65, FLEX = 61 FT/LBS	.040 STEP, ALSO .020" STEP	
1.5	89	3E-E	TERCEL	90-94	65 FT/LBS	* .040 STEP, ALSO .020" STEP	
1.5	89	5E-FE	COROLLA	91-99	65 FT/LBS	.020" STEP	
1.5	91		4P		42-48 FT/LBS	.020" STEP	
1.5	91	5K-E	STARLETT	84-85	40-47 FT/LBS		
1.5	92		ECHO	01-05	36 FT/LBS, +90r		
1.6	97	2T-C	COROLLA	71-79		.020" STEP	
1.6	97	4A-C	COROLLA	83-87	55-61 FT/LBS	.020" STEP	
1.6	97	4A-F	COROLLA	88-89	58 FT/LBS	2WD=.020" STEP, 4WD=.710" CUP	
1.6	97	4A-FE	CELICA	88-96	58 FT/LBS FLY, 47 FT/LBS FLEX	.020" STEP	
1.6	97	4A-GE	MR2	88-89	54 FT/LBS FLY, 47 FT/LBS FLEX	.020" step	
1.6	97	4AGEC	COROLLA	85-87	54 FT/LBS	.020" STEP	
1.6	97	4AGEL	MR2	85-89		.020" STEP	
1.6	97	4AGZE	No Model	88-89		.710" CUP	
1.6	97	4A-LC	COROLLA	87-88	55-61 FT/LBS	.020" STEP	
1.6	97	A	CELICA	93-98	58 FT/LBS M/T, 47 FT/LBS A/T		
1.8	108	1ZZFE	COROLLA	98-06	61 FT/LBS A/T, 36# +90° M/T	.020" STEP	
1.8	108	3T-C	COROLLA	80-82		.020" STEP	
1.8	109	7AFE	COROLLA	93-97	47# MANUAL, 58# AUTOMATIC	.020" STEP	
1.8	110	2ZZGE	CELICA	00-03	36 FT/LBS, +90r	.020" STEP	
1.8	112	1C-LC	COROLLA	84-85	84-90 FT/LBS	.020" STEP	
1.8	112	1CTLG	CAMRY	84-85	84-90 FT/LBS		
1.9	113		No Model	69-71	50-57 FT/LBS	.020" STEP	
1.9	113	C	CROWN	66-69		.020" STEP	
2.0	120	18R-C	CELICA	71-74	50-58 FT/LBS		
2.0	120	2CTLG	CAMRY	86		.020" STEP	
2.0	122	1AZFE	RAV4	01-03	96 FT/LBS, AUTOMATIC: 72 FT/LBS		
2.0	122	2SELC	CAMRY	83-86	65-72 FT/LBS	.020" STEP	
2.0	122	3SFE	CAMRY	86-91	61# MANUAL, 65-72# AUTO	* .020" STEP	
2.0	122	3S-FE	RAV4	96-00	61 FT/LBS (A/T), 65 FT/LBS (M/T)	.020" STEP	
2.0	122	3SGEL	CELICA	86-89	72 FT/LBS		
2.0	122	3SGEL	CELICA	87-89	72 FT/LBS		
2.0	122	3SGTE	CELICA	90-95	65 FT/LBS	.020" STEP	
2.0	122	3SGTE	No Model	87-89	72 FT/LBS	.020" STEP	
2.0	122	3Y-EC	VAN	84-85	61 FT/LBS	.020" STEP	
2.2	134	20R	CELICA	75-77	61-68 FT/LBS		
2.2	134	20R	CELICA	78-80	73-86 FT/LBS	.020" STEP	
2.2	134	5SFE	CAMRY	90-00	61 FT/LBS A/T, 65 FT/LBS M/T	.020" STEP	
2.2	134	L	No Model	81-83	84-90 FT/LBS	.020" STEP	
2.2	137	4Y-EC	VAN	84-89	61 FT/LBS	.020" STEP	
2.4	144	22R	No Model	81-84	73-86 FT/LBS	.018-.022" STEP	
2.4	144	22R-E	4-RUNNER	89-95	80 FT/LBS M/T, 61 FT/LBS A/T	.018-.022 STEP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
TOYOTA				4 Cylinders			
2.4	144	22REC	No Model	85-88	73-86 FT/LBS	.020" STEP	
2.4	144	22R-T	4-RUNNER	85-87	80 FT/LBS	.018-.022" STEP	
2.4	144	2AZFE	CAMRY	02-06	A/T= 72 FT/LBS, M/T= 96 FT/LBS		
2.4	146	2TZFE	PREVIA	91-97	A/T: 54 FT/LBS, M/T: 65 FT/LBS	.020" STEP	
2.4	148	L	TACOMA	96-04	19 FT/LBS, + 90°	.020" STEP	
2.4	150	2L	PICKUP	84-87	90 FT/LBS		
2.4	150	2LT	PICKUP	85-87	90 FT/LBS	.020" STEP	
2.5	151	2J	2J	69-72	83-90 FT/LBS		
2.7	165	2TRFE	TACOMA	05-06	20 FT/LBS, +90r		
2.7	165	M	T100	94-00	19#, +90^ (M/T), 55# (A/T)	.020" STEP	
3.0	182		5L	97-04	91 FT/LBS WITH OIL		
3.0	183	1KZTE	1KZTE		107 FT/LBS		
3.4	209		3B	81-90	131 FT/LBS, DRIVEPLATE=87 FT/LBS		
4.1	250		15B-F	94-95	87 FT/LBS, HOUSING 32 FT/LBS		
TOYOTA				6 Cylinders			
2.3	137	2M	CROWN	68-72		.020" STEP	
2.5	153	2VZFE	CAMRY	88-92	61 FT/LBS	.020" STEP	
2.6	156	4M	No Model	73-79		.020" STEP	
2.6	156	4M-E	CRESSIDA	79-80	55-61 FT/LBS	.020" STEP	
2.8	168	5M-E	CRESSIDA	81-82	54 FT/LBS	.020" STEP	
2.8	168	5MGE	CELICA	82-88	54 FT/LBS	.020" STEP	55M
3.0	180	3V-ZE	4-RUNNER	88-95	A/T: 61 FT/LBS, M/T: 65 FT/LBS	* .015" (.381 MM) STEP	65010
3.0	180	3VZFE	CAMRY	92-93	61 FT/LBS	.020" STEP	
3.0	180	7M-GE	CRESSIDA	86-92	54 FT/LBS	.020" STEP	
3.0	180	7MGTE	CRESSIDA	87-92	54 FT/LBS	.020" STEP	
3.0	183	1MZFE	AVALON	94-02	FLEX: 61 FT/LBS	.020" STEP	
3.0	183	2JZGE	SUPRA	93-98	61# MANUAL, 36# +90° AUTOMATIC	.020" STEP NON-TURBO, TURBO IS UNKNOWN	
3.3	202	3MZFE	SOLARA	04-05	DRIVE PLATE 61 FT/LBS, HOUSING 70 IN/LBS		
3.4	207	V	5VZFE	95-99	63 FT/LBS	.020" STEP	52G
3.4	207	N	TACOMA	95-04	63 FT/LBS FLY (M/T), 61 FT/LBS FLEX (A/T)	.020" STEP	52G
3.9	237	F	LANDCRUISER	65-74		.020" STEP OR .630-640" CUP	
3.9	241	IND	3F	88-92	64 FT/LBS		
4.0	241	3F-E	LANDCRUISER	88-92	64 FT/LBS		
4.0	243		2H	82-92	84-90 FT/LBS		
4.0	244	1GRFE	4-RUNNER	03-05	61 FT/LBS		
4.2	258	2F	LANDCRUISER	75-80		.020" STEP	
4.2	258	2F	LANDCRUISER	81-87	58-79 FT/LBS	.020" STEP	
4.4	267		11Z	88-94	72-79 FT/LBS (M/T)		
4.5	274	1FZFE	LANDCRUISER	93-97	FLEX: 74 FT/LBS		
6.5	396		2D	64-93	84-104 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
TOYOTA					8 Cylinders		
4.7	287	2UZFE	TUNDRA	00-06	36 FT/LBS, +90r		
TRIUMPH					4 Cylinders		
1.3	79		No Model	67-70	35-40 FT/LBS, CLUTCH BOLTS 16-22 FT/LBS		
1.5	91	FH	No Model	73-80	40-45 FT/LBS	.250" STEP	
1.5	91	FM	No Model	73-80	40-45 FT/LBS	.250"	
2.0	122	CL	No Model	75-81	45 FT/LBS	FLAT	
2.0	122	CV	No Model	75-81		FLAT	
2.1	130	C	No Model	62-67	42-46 FT/LBS		
TRIUMPH					6 Cylinders		
2.5	152	CF	No Model	68-76	95 FT/LBS	FLAT	
TRIUMPH					8 Cylinders		
3.5	215	10	No Model	80-81	60 FT/LBS		
UNIVERSAL					1 Cylinder		
0.3	16		DS, WPD3		155#, FLY EXTENSION BOLT 27#		
0.3	18		W7, WPD4		155#, FLY EXTENSION BOLT 27#		
UNIVERSAL					2 Cylinders		
0.5	28		10TWO		46-51 FT/LBS		
0.6	37		W13		84-90# WITH SEPARATE WASHERS *		
UNIVERSAL					3 Cylinders		
0.8	47		W18		84-90# WITH SEPARATE WASHERS *		
1.0	60		W21		84-90# WITH SEPARATE WASHERS *		
1.1	68		M30		72-80 FT/LBS		
UNIVERSAL					4 Cylinders		
1.1	64		ATOMIC FOUR		35 FT/LBS		
1.3	80		W27		84-90# WITH SEPARATE WASHERS *		
1.5	91		M40		72-80 FT/LBS		
1.5	91		W33		84-90# WITH SEPARATE WASHERS *		
1.9	115		M50		72-80 FT/LBS		
VOLKSWAGEN					4 Cylinders		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
VOLKSWAGEN				4 Cylinders			
1.2	73		No Model	55-65	217 FT/LBS GLAND NUT	.945 CUP	
1.5	89	FC	RABBIT	73-75		.830-.835" CUP	
1.6	97	AF	No Model	75-81		.885 CUP	
1.6	97	AL	No Model	59-74	253 FT/LBS	.830-.835 CUP	
1.6	97	CR	No Model	81-84	55 FT/LBS,BOLTS W/SHOULDER 72#		
1.6	97	CS	No Model	82-84	55 FT/LBS,BOLTS W/SHOULDER 72#		
1.6	97	CY	No Model	82-84	55 FT/LBS,BOLTS W/SHOULDER 72#		
1.6	97	EE	No Model	76-77	54 FT/LBS		
1.6	97	ME	GOLF	86-92	74 FT/LBS	* .835" CUP FOR GOLF & JETTA, RABBIT IS UNKNOWN	
1.6	97	MF	No Model	86-92	74 FT/LBS	*	
1.7	104	EN	No Model	81-84	55 FT/LBS,W/SHOULDER 72 FT/LBS	* .835" CUP	
1.7	104	JF	No Model	81-84	55 FT/LBS,BOLTS W/SHOULDER 72#	* .835" CUP	
1.7	104	WT	No Model	82-83	55 FT/LBS,BOLT W/SHOULDER 72#	* .835" CUP	
1.8	109	2H	CABRIOLET	90-94	22 FT/LBS, +90r	.920-.922" CUP, FOX IS FLAT	027105273
1.8	109	ABG	No Model	91-93	22 FT/LBS, + 90r		027105273
1.8	109	GX	GOLF	85-90	55#, W/SHOULDER 74# - USE NEW	.913-.918 CUP	027105273
1.8	109	JH	FOX	83-89	55#, W/SHOULDER 74# - USE NEW	* .830-.835 CUP	027105273
1.8	109	JN	No Model	85-90	55#, W/SHOULDER 74# - USE NEW		027105273
1.8	109	LM	No Model	85-92	55#, W/SHOULDER 74# - USE NEW		027105273
1.8	109	MZ	No Model	85-86	55#, W/SHOULDER 74# - USE NEW		027105273
1.8	109	PF	No Model	88-92	74 FT/LBS		027105273
1.8	109	PG	No Model	89-93	74 FT/LBS	*	027105273
1.8	109	PL	GOLF	86-89	55#, W/SHOULDER 74# - USE NEW	.913-.918 CUP	027105273
1.8	109	RD	GOLF	85-87	55#, W/SHOULDER 74# - USE NEW	.920" CUP	027105273
1.8	109	RV	JETTA	88-92	74 FT/LBS	.913-.918 CUP	027105273
1.8	110	AEB	PASSAT	98-01	22, 44 FT/LBS, +90° USE NEW BOLTS	NOT SUPPLIED FROM OEM	
1.9	116	ALH	BEETLE	00-04	44.5 FT/LBS, +90r		
1.9	116	TDI	PASSAT	95-99	40 FT/LBS + 90°	.922" CUP (23.419 MM)	
1.9	116	Z	JETTA	93-98	44 FT/LBS	.922" CUP (23.419 MM)	
1.9	117	DH	VANAGON	83-85	FLY: 81 FT/LBS,FLEX: 66 FT/LBS	-.971" CUP AND SOME HAD -.895"	
2.0	120	CJ	No Model	76-79		.971" CUP	
2.0	120	CV	VANAGON	72-84	FLY: 80 FT/LBS,FLEX: 65 FT/LBS	.971" CUP SOME HAD .895"	
2.0	121	9A	JETTA	90-93	22 FT/LBS + 90°	.913-.918" CUP	027105273D
2.0	121	ABA	GOLF	93-99	FLY: 44#, +90r, FLEX: 22#, +90r	.922" CUP	

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
VOLKSWAGEN				4 Cylinders			
2.0	121	ABA	GOLF	99-02	44 FT/LBS, +90r - USE NEW		
2.0	121	AEG	BEETLE	98-03	FLEX PLATE 44#, +90r USE NEW, M/T 44# USE NEW	.427" CUP	
2.0	121	AEG	GOLF	99-03	44#, +90r - USE NEW		
2.1	129	MV	VANAGON	86-91	80 FT/LBS	-.971" CUP	035005271R
VOLKSWAGEN				5 Cylinders			
2.2	136	JT	QUANTUM	85-88	55#, W/SHOULDER 74# - USE NEW	* .970" CUP	
2.2	136	KM	No Model	74-84	54 FT/LBS	*	
2.2	136	KX	No Model	85-88	55#, W/SHOULDER 74# - USE NEW	*	
2.2	136	WE	No Model	83-83	54 FT/LBS	*	
2.3	140	JT	QUANTUM	87-87	55#, W/SHOULDER 74# - USE NEW	*	
2.5	153	AAF	EUROVAN	92-95	22 FT/LBS	.971" CUP	
VOLKSWAGEN				6 Cylinders			
2.8	169	AHA	PASSAT	98-00	44#, +180r, DRIVEPLATE=44#, + 90r *		
2.8	169	ATQ	PASSAT	01-02	44 FT/LBS, +180r, DRIVEPALTE=44#, +90r *		
2.8	170	AAA	CORRADO	92-99	44 FT/LBS + 90r USE NEW	* .4900-.4910" (12.446-12.471 MM) * REPORTED, ** REPORTED	021105273H
VOLVO				4 Cylinders			
1.8	109	B18	140	61-68	36-40 FT/LBS	FLAT	
2.0	121		AQ105A		35 FT/LBS		
2.0	121	B20E	No Model	71-73	36-40 FT/LBS		
2.1	129		AQ140A		53 FT/LBS		
2.1	130		AQ125A	83-85	53 FT/LBS		
2.1	130	45	B-21	76-80		FLAT	
2.1	130	47	B-21	81-85	47-54 FT/LBS	.970" CUP, FLAT FOR ENGINES WITHOUT INTERCOOLER	
2.1	130	48	B-21	82-82		FLAT	
2.1	130	49	B-21	81-81	47-54 FT/LBS	FLAT	
2.3	141		131A	85-85	52 FT/LBS USE NEW BOLTS	.947 CUP	
2.3	141		AQ125B		53 FT/LBS		
2.3	141		AQ145A		53 FT/LBS		
2.3	141	(1)	B23	82-84	47-54 FT/LBS		
2.3	141	87	740	85-87	51 FT/LBS	.947 CUP	
2.3	141	87	740	88-94	51 FT/LBS	.970" CUP	
2.3	141	87	760	84-84	47-54 FT/LBS	.947 CUP	
2.3	141	88	740	86-94	50 FT/LBS	.947 CUP	
2.3	141	89	740	89-92	51 FT/LBS, USE NEW BOLTS+SEAL	.970" CUP	
2.3	141	AQ	AQ131	74-74	53 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
VOLVO				4 Cylinders			
2.4	146		MD31		85 FT/LBS, HOUSING 35 FT/LBS		
2.4	146		TMD31		85 FT/LBS, HOUSING 35 FT/LBS		
2.5	152		151A	85-85	52 FT/LBS USE NEW BOLTS		
4.5	273	D	D45		8.8 BOLTS:111 FT/LBS W/TAB WASHERS *		
VOLVO				5 Cylinders			
2.3	141	58	850	94-95	33 FT/LBS, + 50^		
2.4	149	57	No Model	91-98	33 FT/LBS + 30°		
2.5	153	56	S70	98-04	33 FT/LBS, +65r		
VOLVO				6 Cylinders			
2.4	145	76	D-24	83-86	55 FT/LBS	.970" CUP	
2.4	145	77	D-24	81-84	55 FT/LBS	.970" CUP	
2.7	163	65	B27F	76-79		FLAT	
2.8	170	90	S80	99-01	33 FT/LBS, +65r		
2.8	173	69	760	80-91	33-37 FT/LBS	FLAT	
2.9	178	91	S80	02-05	33 FT/LBS, +65r - USE NEW		
3.0	182		AQ165A		35 FT/LBS		
3.6	219		MD40A		77 FT/LBS, HOUSING 34 FT/LBS		
3.6	219		MD41		85 FT/LBS, HOUSING: 35 FT/LBS		
3.6	219		TMD41		85 FT/LBS, HOUSING: 35 FT/LBS		
5.5	334		TD63		140 FT/LBS, FLY CASING 103 FT/LBS		
5.5	334	TD	TD61	80-92	140 FT/LBS, FLY CASING 103 FT/LBS	1.496-1.502 CUP	
5.5	334	TD-B	TD60B	83-86	115-130 FT/LBS	1.496-1.502 CUP	
6.7	409		TD73		140 FT/LBS, FLYWHEEL CASING: 103 FT/LBS		
6.7	409		VED7		140 FT/LBS		
6.7	409	TD	TD71	88-92	140 FT/LBS, FLYWHEEL CASING 103 FT/LBS		
6.7	409	TD70F	TD70F		118-133 FT/LBS		
9.6	586		TD102		132 FT/LBS, FLY HOUSING: 103#		
9.6	586	TD	100		125 FT/LBS		
12.0	731		TD121	83-92	125 FT/LBS		
12.0	732		TD122		120-145 FT/LBS, 103# HOUSING		
12.1	740		VED12		59-67 FT/LBS, +30°		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
WAUKESHA				4 Cylinders			
0.0	0		ICKB		125 FT/LBS FLY NUT		
1.0	61		ICK		125 FT/LBS FLY NUT		
2.2	133		180DLC		67-69 FT/LBS		
2.4	144		180DLC		67-69 FT/LBS		
2.4	144		180GL		67-69 FT/LBS		
2.5	155		155		67-69 FT/LBS		
2.5	155		180GKB		67-69 FT/LBS		
2.5	155		VRD155		67-69 FT/LBS		
2.5	155		VRG155		67-69 FT/LBS		
2.5	155	G	155		67-70#, FLY HOUSING 24 FT/LBS		
2.5	155	GA	155		67-70#, FLY HOUSING 24 FT/LBS		
2.9	176	G	176		67-70#, FLY HOUSING 24 FT/LBS		
3.2	194		180DL		67-69 FT/LBS		
3.6	220		VRD220		65-69 FT/LBS		
3.6	220		VRG220		65-69 FT/LBS		
3.6	220	VR	220		65-69 FT/LBS		
3.6	220	VR(1)	220		65-69 FT/LBS		
WAUKESHA				6 Cylinders			
3.2	194		185DAC		67-69 FT/LBS		
3.2	194		185GB		67-69 FT/LBS		
3.4	209		185GM		67-69 FT/LBS		
3.5	216		185GL		67-69 FT/LBS		
3.8	232		VRD232		67-69 FT/LBS		
3.8	232		VRG232		67-69 FT/LBS		
4.3	265		190DLC		67-69 FT/LBS		
4.3	265		190GL		67-69 FT/LBS		
4.3	265		190GLB		67-69 FT/LBS		
4.3	265		190GLC		67-69 FT/LBS		
4.3	265		VRG265	53-64	67-69 FT/LBS		
4.6	283		VRD283		67-69 FT/LBS	125-.132 CUP	102517 164505A
4.6	283		VRG283		67-69 FT/LBS		
5.0	302		195DLC		67-69 FT/LBS		
5.0	302		195GL		67-69 FT/LBS		
5.0	302		195GLC		67-69 FT/LBS		
5.1	310		VRD310		67-69 FT LBS	.125 CUP	
5.1	310		VRG310		67-69 FT/LBS	.125" CUP DIMENSION	
5.2	320		195GK		67-69 FT/LBS		
5.2	320		195GKA		67-69 FT/LBS		
5.4	330		VRD330		65-69 FT/LBS		
5.4	330		VRG330		65-69 FT/LBS		
7.0	426		135DK		112-117 FT/LBS		
7.0	426		135GK		112-117 FT/LBS		
7.4	451		135GZ		112-117 FT/LBS		
8.6	525		140GK		112-117 FT/LBS		
9.1	554		140GZ		112-117 FT/LBS		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
WAUKESHA				6 Cylinders			
9.1	554		140GZC		112-117 FT/LBS		
12.8	779		145GK		112-117 FT/LBS		
12.8	779		148DK		112-117 FT/LBS		
13.4	817		145GZ		112-117 FT/LBS		
13.4	817		F817G		112-117 FT/LBS		
19.6	1,197		1197G		112-117 FT;BS		
19.6	1,197		F1197D		121-125 FT/LBS		
31.2	1,905		NKD		121-125 FT/LBS		
31.2	1,905		NKR		171-175 FT/LBS		
47.4	2,894		LRD		121-125 FT/LBS		
47.4	2,894		LRO		121-125 FT/LBS		
47.4	2,894	EARLY	VHP		171-175 FT/LBS		
47.4	2,894	EARLY	VHP DIESEL		171-175 FT/LBS		
47.4	2,894	LATE	VHP		171-175 FT/LBS		
57.7	3,520		LRZ		121-125 FT/LBS		
WAUKESHA				8 Cylinders			
9.3	570		H570		90-92 FT/LBS		
14.5	884		H884		171-175 FT/LBS		
17.7	1,077		H1077		171-175 FT/LBS		
17.7	1,077		H1077 DIESEL		171-175 FT/LBS		
40.6	2,474		H2476		233-243 FT/LBS		
WAUKESHA				12 Cylinders			
26.5	1,616		L1616		171-175 FT/LBS		
26.5	1,616		L1616 DIESEL		171-175 FT/LBS		
60.8	3,711		L3712		233-243 FT/LBS		
83.6	5,100		L-5100-G		171-175 FT/LBS		
94.9	5,788		L-5788-G		171-175 FT/LBS		
94.9	5,788		VLRD		121-125 FT/LBS		
115.4	7,040		L-7040-G		171-175 FT/LBS		
WAUKESHA				16 Cylinders			
35.3	2,154		P2154		171-175 FT/LBS		
35.3	2,154		P2154 DIESEL		171-175 FT/LBS		
WHITE				6 Cylinders			
4.3	265		2-70		66-69 FT/LBS	.125" (3.175 MM)	
4.6	283		2-70		66-69 FT/LBS	.125" (3.175 MM)	
5.8	354		2-85		80 FT/LBS		
7.8	478	D	478		115-120 FT/LBS	1.215 OR 2.220 CUP	
9.6	585	D	2-150		69-72 FT/LBS		
WISCONSIN				1 Cylinder			
0.3	21		WD1-340		130 FT/LBS		
0.4	23		TRD1-375		202 FT/LBS		
0.4	26		WD1-430		130 FT/LBS		
0.5	29		TRD1-480		202 FT/LBS		
0.5	33		TRD1-540		202 FT/LBS		
0.6	37		TRD1-605		202 FT/LBS		
0.7	41		WD1-660		434 FT/LBS		
0.8	46		WD1-750		434 FT/LBS		

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AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
WISCONSIN				2 Cylinders			
0.0	0		W2-1230		112-118 FT/LBS		
0.8	46		TRD2-755		202 FT/LBS		
0.9	52		TRD2-850		202 FT/LBS		
0.9	53		WD2-860		130 FT/LBS		
0.9	54		TH		95-110 FT/LBS	*	
0.9	54		THD	57-76	95-110 FT/LBS	*	
0.9	54	1	No Model	57-76	95-110 FT/LBS	*	
0.9	54	2	No Model	68-68	95-110 FT/LBS	*	
1.0	58		TRD2-955		202 FT/LBS		
1.0	61		WD2-1000		130 FT/LBS		
1.1	69		TRD2-1130		202 FT/LBS		
1.2	74		TRD2-1205		202 FT/LBS		
WISCONSIN				4 Cylinders			
1.8	108		VH4		95-110 FT/LBS		
1.8	108		VH4D	56-56	95-110 FT/LBS		
1.8	108		VH4DM		95-110 FT/LBS		
1.8	108		W4-1770		95-110 FT/LBS		
1.8	108	VH	No Model	56-56	95-110 FT/LBS (FAN)		
2.5	154		VG4D	53-53	95-110 FT/LBS		
2.5	154		VP4D		95-110 FT/LBS		
2.5	154	VG4D	No Model	53-53	95-110 FT/LBS		
YANMAR				1 Cylinder			
0.2	12		L40AE		72-80 FT/LBS		
0.2	13		L48AE		87-94 FT/LBS		
0.3	17		L60AE		73-80 FT/LBS		
0.3	18		L70AE		87-94 FT/LBS		
0.3	19		TF50		123-144 FT/LBS		
0.3	21		L75AE		108-116# OLD MODELS, 152-166# CURRENT		
0.4	22		TF60		181-209 FT/LBS		
0.4	23		TF70		181-209 FT/LBS		
0.4	24		L90AE		108-116# OLD MODELS, 152-166# CURRENT		
0.4	25		L100AE		159-166 FT/LBS		
0.4	27		TF80		181-209 FT/LBS		
0.5	30		TF90		181-209 FT/LBS		
0.6	36		TF110		217-253 FT/LBS		
0.7	42		TF120		217-253 FT/LBS		
0.8	46		TF140		217-253 FT/LBS		
0.9	52		TF160		217-253 FT/LBS		
YANMAR				2 Cylinders			
0.6	36		TK235		47-50 FT/LBS		
0.6	38		2T73A		47-50 FT/LBS		
0.7	40		2TR13A		47-50 FT/LBS		
0.9	52		2T80UJ		52 FT/LBS		
1.0	61		2T84A		275-304 FT/LBS FLY RETAIN NUT		

*Use sealer on bolts

AERA Flywheel Specifications Manual

Liter	CID	VIN	Model	Years	Torque	* Surface	Casting Numbers
YANMAR				2 Cylinders			
1.2	70		2TR20A-X		275-304 FT/LBS FLY RETAIN NUT		
YANMAR				3 Cylinders			
0.0	0		3QM30		69-76 FT/LBS		
0.0	0		3TG66		61 FT/LBS		
0.0	0		3TG72		61 FT/LBS		
0.7	40		3TN66E		60-63 FT/LBS		
0.9	54		3TNA72		60-63 FT/LBS		
1.0	61		3TN75		62-65 FT/LBS FLEX:36 FT/LBS		
1.2	70		3TNC78		61 FT/LBS FLEX:36 FT/LBS		
1.2	75		3TN78		61 FT/LBS FLEX:36 FT/LBS		
1.3	78		3T80UJ		52 FT/LBS		
1.4	83		3TN82		62-65 FT/LBS, FLEX:36 FT/LBS		
1.4	87		3TN84		61 FT/LBS FLEX:36 FT/LBS		
1.5	91		3T84A		47-51 FT/LBS		
YANMAR				4 Cylinders			
1.6	100		4JHE		51-57 FT/LBS		
1.8	111		4TN82		62-65 FT/LBS FLEX:36 FT/LBS		
1.9	116		4TN84		61 FT/LBS FLEX:36 FT/LBS		
1.9	116	TK482	TK482		62-65 FT/LBS		
2.1	128	TK486	TK486		62-65 FT/LBS		
3.1	190		4T95		50, 100, 145 FT/LBS		
3.5	211		4LH SERIES	88-01	137-152 FT/LBS		
3.5	211		4TN100		145 FT/LBS, HOUSING: 36 FT/LBS		
YANMAR				6 Cylinders			
7.1	435		6CX-ETYE	-93	202-217 FT/LBS, HOUSING 33-40 FT/LBS		
ZETOR				3 Cylinders			
2.7	164		5213/43		63-70 FT/LBS		
ZETOR				4 Cylinders			
0.0	0		4320/40		63-70 FT/LBS		
3.9	239		6320/40		63-70 FT/LBS		

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3986184	GM	6.0	No Model	B	366	V 8	68-90
021105273H	VOLKSWAGEN	2.8	CORRADO	AAA	170	V 6	92-99
027105273	AUDI	1.8	No Model	DOHC	112	L 4	86-88
027105273	VOLKSWAGEN	1.8	CABRIOLET	2H	109	L 4	90-94
027105273	VOLKSWAGEN	1.8	FOX	JH	109	L 4	83-89
027105273	VOLKSWAGEN	1.8	GOLF	GX	109	L 4	85-90
027105273	VOLKSWAGEN	1.8	GOLF	PL	109	L 4	86-89
027105273	VOLKSWAGEN	1.8	GOLF	RD	109	L 4	85-87
027105273	VOLKSWAGEN	1.8	JETTA	RV	109	L 4	88-92
027105273	VOLKSWAGEN	1.8	No Model	ABG	109	L 4	91-93
027105273	VOLKSWAGEN	1.8	No Model	JN	109	L 4	85-90
027105273	VOLKSWAGEN	1.8	No Model	LM	109	L 4	85-92
027105273	VOLKSWAGEN	1.8	No Model	MZ	109	L 4	85-86
027105273	VOLKSWAGEN	1.8	No Model	PF	109	L 4	88-92
027105273	VOLKSWAGEN	1.8	No Model	PG	109	L 4	89-93
027105273D	VOLKSWAGEN	2.0	JETTA	9A	121	L 4	90-93
035005271R	VOLKSWAGEN	2.1	VANAGON	MV	129	H 4	86-91
035105271R	AUDI	2.2	5000 SERIES	KZ	136	L 5	85-86
035105271S	AUDI	2.1	5000 SERIES	KH	131	L 5	84-86
0820	CHRYSLER	2.0	COLT	R	122	L 4	90-94
0820	CHRYSLER	2.0	LASER	E	122	L 4	93-94
0820	CHRYSLER	2.0	TALON	F	122	L 4	93-98
0820	CHRYSLER	2.0	TALON	U	122	L 4	90-92
0820	MITSUBISHI	2.0	ECLIPSE	E	122	L 4	93-94
0820	MITSUBISHI	2.0	ECLIPSE	F	122	L 4	95-99
0820	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
0820	MITSUBISHI	2.0	No Model	U	122	L 4	90-92
10032474	GM	2.5	S-10	A	151	L 4	91-93
10032474	GM	2.5	S-10	E	151	L 4	87-91
10101171	GM	7.4	No Model	N	454	V 8	91-97
102517	WAUKESHA	4.6	VRD283		283	L 6	
102517	WAUKESHA	5.1	VRD310		310	L 6	
10523771	NAVISTAR	7.1	1486	D	436	L 6	
119548M	CUMMINS	14.0	NT SERIES		855	L 6	88-91
121364044	NAVISTAR	3.4	584	D206	206	L 4	
12556919	GM	7.4	No Model	B	454	V 8	99-01
12556919	GM	7.4	No Model	D	454	V 8	99-01
12556919	GM	7.4	No Model	J	454	V 8	96-00
12556919	GM	7.4	No Model	S	454	V 8	98-00
1301V	FORD	7.3	No Model	F	444	V 8	95-05
1301V	NAVISTAR	7.3	T444E	T444E	444	V 8	94-04
133469R11	NAVISTAR	9.0	No Model	G	549	V 8	60-78
140022N	GM	7.4	No Model	J	454	V 8	96-00
140022N	GM	7.4	No Model	L	454	V 8	75-76
140022N	GM	7.4	No Model	N	454	V 8	91-97
140022N	GM	7.4	No Model	S	454	V 8	80-81
140022N	GM	7.4	No Model	Z	454	V 8	70-75
14018712	GM	2.0	No Model	B	122	L 4	82-86
140226N	GM	7.4	No Model	N	454	V 8	91-97
14033092N	GM	2.8	No Model	1	173	V 6	82-85
14088647N	GM	5.0	No Model	F	305	V 8	81-87
1409155N	GM	5.7	CAMARO	P	350	V 8	92-97
1409155N	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
1409155N	GM	5.7	CORVETTE	J	350	V 8	89-95

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
1409155N	GM	5.7	No Model	7	350	V 8	89-95
1409155N	GM	5.7	No Model	K	350	V 8	86-96
1409155N	GM	5.7	No Model	L	350	V 8	89-92
14091599N	GM	5.7	CAMARO, CORVETTE	8	350	V 8	85-92
14096805	GM	7.4	No Model	J	454	V 8	96-00
14096805	GM	7.4	No Model	N	454	V 8	91-97
14096805	GM	8.2	ENGINE 502		502	V 8	96-01
14096805	MERCURISER	8.2	500 BULLDOG	HJ	502	V 8	
14100560	GM	3.4	No Model	X	207	V 6	91-95
14103283 N	GM	4.3	No Model	W	262	V 6	92-04
14103283N	ISUZU	4.3	HOMBRE	W	262	V 6	98
15030	GM	1.5	SPECTRUM	K	92	L 4	85-87
15047339	GM	6.6	TRUCK	1	403	V 8	01-05
15250	NISSAN	1.6	No Model	L16	97	L 4	72
15691851	GM	6.5	No Model	7	397	V 8	98-99
15691851	GM	6.5	No Model	F	397	V 8	92-00
164505A	WAUKESHA	4.6	VRD283		283	L 6	
164605A	WAUKESHA	5.1	VRD310		310	L 6	
16E	NISSAN	2.4	MAXIMA	L24E	146	L 6	81-84
1803217	FORD	6.9	No Model	1	420	V 8	83-88
1803217	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1808414C2	NAVISTAR	4.4	510B	D	268	L 4	75-85
1821916C1	NAVISTAR	8.7	530	E	530	L 6	97-04
1895256	FORD	6.9	No Model	1	420	V 8	83-88
1895256	NAVISTAR	6.9	No Model	D	420	V 8	83-88
1U	MAZDA	2.2	626	F2	133	L 4	88-92
21001186	GM	1.9	SATURN	7	116	L 4	90-02
2350442	DDC	11.1	60 SERIES		677	L 6	86-04
2381	JOHN DEERE	3.3	2020 & 2510	D	202	L 4	
24574449	GM	2.3	No Model	D	138	L 4	94-95
249869	ALLIS CHALMERS	2.9	D15	D	175	L 4	
249870-2	ALLIS CHALMERS	2.9	D15	D	175	L 4	
266141R91	NAVISTAR	4.6	450	D281	281	L 4	
266536R91	NAVISTAR	5.7	TD-9, 600, 650, SUPER W	D	350	L 4	
278273R11	NAVISTAR	4.6	560	D	282	L 6	
2922	MITSUBISHI	3.0	3000GT	B	181	V 6	91-94
2A110	MITSUBISHI	3.0	3000GT	K	181	V 6	93-98
2ADT	MITSUBISHI	3.0	3000GT	J	181	V 6	93-98
2SD8519	ISUZU	2.6	AMIGO	E	156	L 4	88-98
2W4198	CATERPILLAR	10.5	3306	SP	638	L 6	
2W6834	CATERPILLAR	14.6	3406		893	L 6	
30	SUBARU	1.6	No Model	2	97	H 4	78-86
30	SUBARU	1.8	No Model	4,5,7	109	H 4	80-89
30	SUBARU	1.8	No Model	4,5,7	109	H 4	85-88
3005145	CUMMINS	14.0	NT SERIES		855	L 6	88-91
3016548	CUMMINS	8.3	V-504	504	504	V 8	
3041456R11	NAVISTAR	2.3	B275	D	144	L 4	
3042786	CUMMINS	10.0	L10		611	L 6	85-90
3042786	CUMMINS	10.0	L10	91->	611	L 6	91-96
3042786	CUMMINS	11.0	M11		661	L 6	91-01
3044003R	NAVISTAR	2.5	2424	D	154	L 4	
3044003R11	NAVISTAR	2.5	2424	D	154	L 4	
3045089R	NAVISTAR	2.5	2424	D	154	L 4	
3045089R11	NAVISTAR	2.3	354	G(1)	144	L 4	

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
3046388R11	NAVISTAR	2.5	2424	D	154	L 4	
3047594R11	NAVISTAR	2.3	354	G(1)	144	L 4	
3055980R11	NAVISTAR	5.1	706	D-310	310	L 6	
3055980R11	NAVISTAR	5.8	826	D	358	L 6	
30559890R1	NAVISTAR	5.1	706	D-310	310	L 6	
31	SUBARU	1.6	No Model	2	97	H 4	78-86
31	SUBARU	1.8	No Model	4,5,7	109	H 4	85-88
310378R11	NAVISTAR	2.7	340	D	166	L 4	
310378R11	NAVISTAR	3.0	504	D	188	L 4	
3132157R11	NAVISTAR	3.9	544	D239	239	L 4	
3136041R11	NAVISTAR	3.9	544	D239	239	L 4	
3136044R1	NAVISTAR	2.9	454		179	L 3	
3136044R3	NAVISTAR	2.8	464	C	175	L 4	
3136044R3	NAVISTAR	2.8	464	C.	175	L 4	
3136044R4	NAVISTAR	4.0	784	D-246	246	L 4	
3144211R91	NAVISTAR	3.9	544	D239	239	L 4	
3144614R91	NAVISTAR	2.9	454		179	L 3	
3144615R1	NAVISTAR	2.8	464	C	175	L 4	
32242980M	DDC	9.1	6V-92		552	V 6	
32242980M	DDC	12.1	8V-92		736	V 8	
323979R92	NAVISTAR	4.6	560	D	282	L 6	
326760R31	NAVISTAR	5.9	806	D	361	L 6	60-72
328	NISSAN	3.0	200SX	VG30	181	V 6	84-86
328	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
341603R21	NAVISTAR	5.9	806	D	361	L 6	60-72
346Y	FORD	7.3	No Model	M	444	V 8	88-94
351217R81	NAVISTAR	2.0	SUPER C		123	L 4	
3519	GM	1.9	LUV	A	119	L 4	82-85
356995R11	NAVISTAR	4.1	M	C	248	L 4	61-68
360867R11	NAVISTAR	2.7	300, 300HC	C(1)	169	L 4	
360867R11	NAVISTAR	2.8	350, 350H, 350HC	C(1)	175	L 4	
367505R1	NAVISTAR	3.8	460	D	236	L 6	
367505R31	NAVISTAR	3.6	460	C	221	L 6	
367505R31	NAVISTAR	3.8	460	D	236	L 6	
367506R11	NAVISTAR	4.3	560	C(1)	263	L 6	
367751R11	NAVISTAR	2.2	2404	C(1)	135	L 4	
372434R11	NAVISTAR	2.0	SUPER C		123	L 4	
376810R91	NAVISTAR	2.2	2404	C(1)	135	L 4	
376887R11	NAVISTAR	2.5	2504	C	153	L 4	
376887R11	NAVISTAR	2.2	2404	C(1)	135	L 4	
378614R31	NAVISTAR	4.3	560	C(1)	263	L 6	
378614R31	NAVISTAR	4.9	806	C	301	L 6	
385673R11	NAVISTAR	2.3	2424	G	146	L 4	
388302R21	NAVISTAR	4.6	560	D	282	L 6	
388577R11	NAVISTAR	2.5	2504	C	153	L 4	
388577R11	NAVISTAR	2.3	2424	G	146	L 4	
3921263	CASE	5.9	2096	B	359	L 6	85-93
3921263	CUMMINS	3.9	B SERIES	B	239	L 4	83-98
3921263	CUMMINS	5.9	B SERIES	B	359	L 6	83-98
3921263	FORD	5.9	FD-1060		359	L 6	95-00
3922645	CUMMINS	8.3	C SERIES	C	505	L 6	85-90
3922645	CUMMINS	8.3	C SERIES	C(2)	505	L 6	91-00
3922645	FORD	8.3	FD-1460		505	L 6	95-00
3935411	GM	7.4	No Model	N	454	V 8	87-90

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
396418R91	NAVISTAR	2.5	2504	C	153	L 4	
396419R91	NAVISTAR	3.3	544	C	200	L 4	
396419R91	NAVISTAR	3.8	460	D	236	L 6	
396420R91	NAVISTAR	3.6	460	C	221	L 6	
396420R91	NAVISTAR	3.8	460	D	236	L 6	
396420R91	NAVISTAR	4.3	560	C(1)	263	L 6	
396420R91	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
398062R91	NAVISTAR	4.8	666, 706, 766	C	291	L 6	
3986394	GM	6.6	No Model	L	400	V 8	70-78
3986394	GM	6.6	No Model	M	400	V 8	75-76
3986394	GM	6.6	No Model	R	400	V 8	77-80
3986394	GM	6.6	No Model	X	400	V 8	79-80
3993457	GM	7.4	No Model	N	454	V 8	87-90
3993457	GM	7.4	No Model	Z	454	V 8	70-75
3F284	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
3SD361	ISUZU	3.2	RODEO	V	193	V 6	92-98
3SD4Z13	HONDA	3.2	PASSPORT	V	193	V 6	94-97
3SD4Z13	HONDA	3.2	PASSPORT	W	193	V 6	94-02
3SD4Z13	ISUZU	3.2	TROOPER	W	193	V 6	92-04
3SD5113	HONDA	3.2	PASSPORT	V	193	V 6	94-97
3SD5113	HONDA	3.2	PASSPORT	W	193	V 6	94-02
3SD5113	ISUZU	3.2	TROOPER	W	193	V 6	92-04
4020291	ALLIS CHALMERS	4.9	180	D	301	L 6	
4020291	ALLIS CHALMERS	4.9	200	D	301	L 6	
4025093-6	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4028150	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4028150	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4028150	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4035711	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4035711	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4035711	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
4035834	ALLIS CHALMERS	7.0	3400		426	L 6	70-85
4035834	ALLIS CHALMERS	7.0	3400	D	426	L 6	70-85
4035834	ALLIS CHALMERS	7.0	D21	D-21	426	L 6	70-70
405860R11	NAVISTAR	2.8	464	C	175	L 4	
405860R11	NAVISTAR	2.8	464	C.	175	L 4	
405860R11	NAVISTAR	3.3	544	C	200	L 4	
405862R11	NAVISTAR	3.3	544	C	200	L 4	
405866R11	NAVISTAR	2.6	454	C(1)	157	L 4	
409	NISSAN	2.4	240SX	H	146	L 4	89-90
4511704	ALLIS CHALMERS	4.3	D17	D	262	L 6	
496419R91	NAVISTAR	3.6	460	C	221	L 6	
4P4797	CATERPILLAR	14.6	3406	B	893	L 6	
4SD725	GM	1.5	SPECTRUM	9	90	L 4	86-88
4W4800	CATERPILLAR	14.6	3406	B	893	L 6	
4W600V07	CATERPILLAR	14.6	3406		893	L 6	
4W6707	CATERPILLAR	14.6	3406		893	L 6	
4W6707	CATERPILLAR	14.6	3406	B	893	L 6	
4W6707	CATERPILLAR	14.6	3406	C	893	L 6	91-95
4W6707	CATERPILLAR	14.6	3406	E	893	L 6	93-05
4W6800	CATERPILLAR	14.6	3406	B	893	L 6	
5100534	DDC	9.1	6V-92		552	V 6	
5100534	DDC	12.1	8V-92		736	V 8	
5101799	DDC	11.1	60 SERIES		677	L 6	86-04

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
5126487	DDC	7.0	6-71		426	L 6	
52G	TOYOTA	3.4	5VZFE	V	207	V 6	95-99
52G	TOYOTA	3.4	TACOMA	N	207	V 6	95-04
530GB3118(D)	MACK	16.3	E9		998	V 8	90-01
530GB3145(A)(B)	MACK	12.0	E7		728	L 6	89-02
530GB3157	MACK	16.3	E9		998	V 8	90-01
530GB3167	MACK	16.3	E9		998	V 8	90-01
530GB3170M	MACK	12.0	E-TECH		728	L 6	98-05
538160R11	NAVISTAR	9.0	1468	DV	550	V 8	
55M	TOYOTA	2.8	CELICA	5MGE	168	L 6	82-88
579	TOYOTA	1.5	TERCEL	3A	89	L 4	80-86
5SD5Y22	ISUZU	2.3	AMIGO	L	137	L 4	86-95
6126487	DDC	7.0	6-71		426	L 6	
635093R11	NAVISTAR	2.2	2404	C(1)	135	L 4	
635094R11	NAVISTAR	2.2	2404	C(1)	135	L 4	
635096R11	NAVISTAR	2.0	SUPER C		123	L 4	
65010	TOYOTA	3.0	4-RUNNER	3V-ZE	180	V 6	88-95
653093R11	NAVISTAR	2.3	2424	G	146	L 4	
672211C91	NAVISTAR	5.9	766	D(1)	360	L 6	
672215C91	NAVISTAR	6.8	1066	D	414	L 6	
676994R12	NAVISTAR	2.5	385	D155	155	L 3	
680712C91	NAVISTAR	5.1	HYDRO 70		312	L 6	
6L7148	CATERPILLAR	10.4	1160		636	V 8	
701095C91	NAVISTAR	3.0	504	D	188	L 4	
710095C91	NAVISTAR	3.0	504	D	188	L 4	
722W	CHRYSLER	3.0	No Model	B	181	V 6	91-92
722W	CHRYSLER	3.0	No Model	C	181	V 6	91-92
722W	CHRYSLER	3.0	No Model	S	181	V 6	90-92
722W	CHRYSLER	3.0	No Model	U	181	V 6	91-92
722W	CHRYSLER	3.0	No Model	V	181	V 6	92
722W	CHRYSLER	3.0	3000GT	B	181	V 6	91-94
72DT	CHRYSLER	3.0	No Model	K	181	V 6	93-97
72DT	CHRYSLER	3.0	3000GT	K	181	V 6	93-98
751129R31	NAVISTAR	2.3	B275	D	144	L 4	
7604	CHRYSLER	2.0	COLT	MMC	122	L 4	75-88
7604	CHRYSLER	2.0	No Model		122	L 4	74-82
7700598735	CHRYSLER	1.4	No Model	D	85	L 4	81-87
7E6700	CATERPILLAR	6.6	3116		403	L 6	89-95
7E6700	CATERPILLAR	7.2	3126		439	L 6	95-02
7SD9314	ISUZU	2.3	AMIGO	L	137	L 4	86-95
7SD9314	ISUZU	2.3	No Model	L	137	L 4	85-87
7SK2216	ISUZU	1.8	I-MARK	P	111	L 4	81-84
817	SUBARU	2.7	XT-6	8	164	H 6	88-91
817	SUBARU	2.7	XT-6	9	164	H 6	88-91
8SB1716	ISUZU	2.6	AMIGO	E	156	L 4	88-98
8SDD86	ISUZU	2.3	AMIGO	L	137	L 4	86-95
8SDD86	ISUZU	2.3	No Model	L	137	L 4	85-87
926M	FORD	2.0	CONTOUR	3	122	L 4	95-05
926M	FORD	2.0	CONTOUR	Z	122	L 4	96-00
929	NISSAN	2.4	720 PICKUP	Z24	146	L 4	83-89
9301022333R	PORSCHE	3.3	911	68	201	H 6	86-89
937	NISSAN	2.4	240SX	H	146	L 4	89-90
944-102-105-3R	PORSCHE	2.5	924S	42	151	L 4	87-88
9801	CHRYSLER	2.0	COLT	R	122	L 4	90-94

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
9801	CHRYSLER	2.0	LASER	E	122	L 4	93-94
9801	CHRYSLER	2.0	TALON	F	122	L 4	93-98
9801	CHRYSLER	2.0	TALON	U	122	L 4	90-92
9801	MITSUBISHI	2.0	ECLIPSE	E	122	L 4	93-94
9801	MITSUBISHI	2.0	ECLIPSE	F	122	L 4	95-99
9801	MITSUBISHI	2.0	ECLIPSE	R	122	L 4	90-92
9801	MITSUBISHI	2.0	No Model	U	122	L 4	90-92
9L6372	CATERPILLAR	10.4	3208		636	V 8	
9L6394	CATERPILLAR	10.4	3208	1	636	V 8	
9L6394	CATERPILLAR	10.4	3208	2	636	V 8	
9L6717	CATERPILLAR	10.4	3208		636	V 8	
9L8245	CATERPILLAR	10.4	1160		636	V 8	
9L8320	CATERPILLAR	10.4	3208		636	V 8	
9L8320	CATERPILLAR	10.4	3208	TURB	636	V 8	87-92
9N2646	CATERPILLAR	14.6	3406		893	L 6	
9N2646	CATERPILLAR	14.6	3406	B	893	L 6	
9N2646	CATERPILLAR	14.6	3406	C	893	L 6	91-95
9N2646	CATERPILLAR	14.6	3406	SP	893	L 6	
9N2647	CATERPILLAR	14.6	3406	B	893	L 6	
9N2647	CATERPILLAR	14.6	3406	SP	893	L 6	
9SD0113	ISUZU	2.3	AMIGO	L	137	L 4	86-95
9SD0113	ISUZU	2.3	No Model	L	137	L 4	85-87
9SD7811	ISUZU	2.3	AMIGO	L	137	L 4	86-95
9Y22	JOHN DEERE	1.7	3T90J		105	L 3	
9Y5708	CATERPILLAR	10.3	3176		629	L 6	89-96
A2K18	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
AM4458	ALLIS CHALMERS	4.3	D17	D	262	L 6	
AR66781	JOHN DEERE	3.6	2020	T	219	L 4	
AR66781	JOHN DEERE	3.6	2030	G	219	L 4	
AR66781	JOHN DEERE	3.6	454	D	219	L 4	
AR66781	JOHN DEERE	4.5	2155	D	276	L 4	
AR66781	JOHN DEERE	4.5	2630	D	276	L 4	
B4L22	FORD	1.3	FESTIVA,ASPIRE	H	81	L 4	89-97
B61P	MAZDA	1.6	MIATA	B6	98	L 4	90-95
BP01	MAZDA	1.8	PROTÉGÉ	4	112	L 4	93-94
BP01	MAZDA	1.8	PROTÉGÉ	BP	112	L 4	90-92
C4TE-6308-J	FORD	6.4	No Model	HD	391	V 8	64-79
C4TE-6308-K	FORD	6.4	No Model	H	390	V 8	61-76
C5AE6380H	FORD	5.0	No Model	F	302	V 8	56-65
C6DE-A	FORD	3.3	No Model	T	200	L 6	63-79
C7NN-6375-G	FORD	6.6	BSD-666T(2)		401	L 6	68-82
D16H	ALLIS CHALMERS	3.7	WD45	W	226	L 4	
D18E	NISSAN	2.0	No Model	CA20S	120	L 4	82-83
D2TE-A	FORD	5.9	No Model	HD	361	V 8	66-78
D2TE-C	FORD	5.9	No Model	HD	361	V 8	66-78
D9TE-6303-AB	FORD	7.0	No Model	8	429	V 8	89-96
D9TE-6303-AB	FORD	7.0	No Model	J	429	V 8	91-95
D9TE-6380-AB	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-6380-AB	FORD	7.0	No Model	K	429	V 8	79-90
D9TE-6380-AB	FORD	7.5	No Model	G	460	V 8	87-98
D9TE-6380-BB	FORD	6.1	No Model	7	370	V 8	79-94
D9TE-6380-BB	FORD	7.5	No Model	G	460	V 8	87-98
D9TE-6380-BB	FORD	7.5	No Model	SVO	460	V 8	87-97
E1ZR6380-AA	FORD	5.0	No Model	F	302	V 8	83-87

Flywheel Casting Numbers

Casting	Manufacturer	Liter	Model	VIN	CID	Cyl	Year
E30	NISSAN	2.4	720 PICKUP	Z24	146	L 4	83-89
F02R-6380-AA	FORD	3.0	AEROSTAR	U	183	V 6	90-99
F02R-6380-AA	FORD	3.0	TAURUS	U	183	V 6	00-03
F220	FORD	2.2	PROBE	C	133	L 4	89-92
F220	FORD	2.2	PROBE	L	133	L 4	89-92
F220	MAZDA	2.2	626	F2	133	L 4	88-92
F807	FORD	2.2	PROBE	C	133	L 4	89-92
F807	MAZDA	2.2	B2200	F2	133	L 4	87-93
FS01	FORD	2.0	PROBE	A	122	L 4	93-97
K10	MITSUBISHI	3.0	3000GT	B	181	V 6	91-94
K-3	SUBARU	1.8	No Model	4,5,7	109	H 4	80-89
K-4	SUBARU	1.8	No Model	4,5,7	109	H 4	80-89
K5	SUBARU	1.2	JUSTY	7	72	L 3	87-94
K5	SUBARU	1.2	JUSTY	8	72	L 3	90-94
K-5	SUBARU	1.6	No Model	2	97	H 4	78-86
K-5	SUBARU	1.8	No Model	4,5,7	109	H 4	80-89
K-5	SUBARU	1.8	No Model	4,5,7	109	H 4	85-88
KL01	FORD	2.5	PROBE	B	153	V 6	93-99
KL01	MAZDA	2.5	626	KL	153	V 6	93-00
R???	JOHN DEERE	6.6	4010		404	L 6	67-76
R28810R	JOHN DEERE	4.4	3020	D	270	L 4	
R40727	JOHN DEERE	3.7	3020		227	L 4	64-67
R40727	JOHN DEERE	6.2	4010	D	381	L 6	
R40727	JOHN DEERE	6.6	4010		404	L 6	67-76
R40727	JOHN DEERE	6.6	4020	T	404	L 6	
R40727	JOHN DEERE	6.6	4320		404	L 6	
R40820	JOHN DEERE	8.7	6030	A	531	L 6	60-81
R46045	JOHN DEERE	6.6	4020	T	404	L 6	
R501536	JOHN DEERE	2.9	3029D	D	179	L 3	
R501536	JOHN DEERE	2.9	3029T	D	179	L 3	
R63350	JOHN DEERE	6.6	4010		404	L 6	67-76
SD5X17	ISUZU	2.3	AMIGO	L	137	L 4	86-95
SD5X17	ISUZU	2.3	No Model	L	137	L 4	85-87
T3	HONDA	2.2	ACCORD	F22A1	132	L 4	90-91
T50	NISSAN	2.4	STANZA	S	146	L 4	91-98
UCS7VF	HONDA	3.2	PASSPORT	V	193	V 6	94-97
UCS7VF	HONDA	3.2	PASSPORT	W	193	V 6	94-02
UCS7VF	ISUZU	3.2	TROOPER	W	193	V 6	92-04
V3 25	ACURA	2.7	LEGEND	C27A1	163	V 6	87-90
V50	NISSAN	3.0	200SX	VG30	181	V 6	84-86
V50	NISSAN	3.0	MAXIMA	VG30	181	V 6	84-87
X16C	NISSAN	2.4	STANZA	S	146	L 4	91-98
XGB	DAIHATSU	1.3	No Model	2	79	L 4	89-92
XL3E-6375-CA	FORD	6.8	No Model	S	413	V 10	97-05

TECHNICAL BULLETIN



**August 1997
TB 1484**

**Mfg: Honda
Model: Accord & Prelude
Liter: Various
Code: Gas
Year: 1979-87**

330 Lexington Drive • Buffalo Grove, IL 60089-6998 • 847-541-6550 • Fax 847-541-5808
Toll Free Technical Hotline 1-88-TECH-AERA (1-888-324-2372)

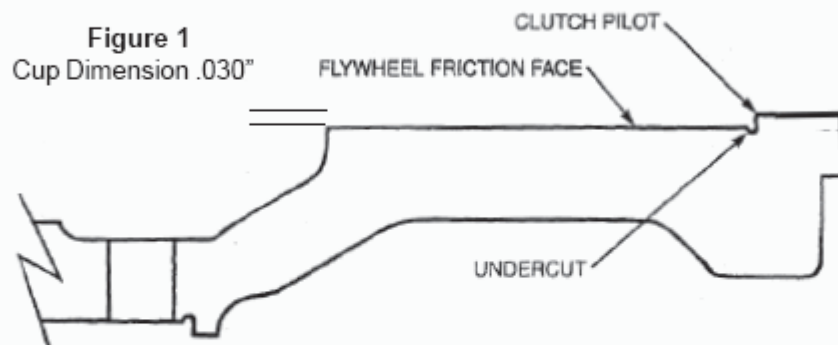
Flywheel Specifications On 1979-87 Honda Accord & Prelude Vehicles

The AERA Technical Committee offers the following information on flywheel specifications for 1979-87 Honda Accord and Prelude vehicles. These vehicles with standard transmissions, use a cup type flywheel. The cup dimension must be re-established every time this flywheel is resurfaced or improper clutch operation will result.

All 1979-85 Accord and 1979-87 Prelude (without fuel injection) flywheels require a .030" (.762 mm) step down as shown in the illustration below. That means the outside area of the flywheel is higher than the inside diameter when the flywheel surface is facing up.

These Honda flywheels also have three pressed-in clutch plate locating pins located outside the friction surface. Those pins must be removed prior to resurfacing of the upper clutch plate mounting surface. To remove these sometimes stubborn pins, some AERA members drill a hole directly behind each pin from the rear of the flywheel. That procedure allows the use of a small drift to drive the pins out. Reinstallation of the pins should be made after the flywheel has been surfaced by tapping them into position with a hammer.

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TECHNICAL BULLETIN



**November 1999
TB 1774**

**Mfg: Various
Model: Trucks
Liter: Various
Code: Heavy Duty
Year: ALL**

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Toll Free Technical Hotline 1-88-TECH-AERA (1-888-324-2372)

Flywheel Depths For Heavy Duty Truck Applications

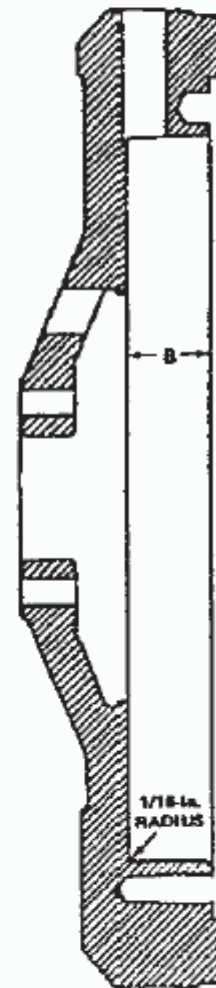
The AERA Technical Committee offers the following information on flywheel depths for heavy-duty truck applications. Many problems occur when machining

recessed flywheels (cup type) if the correct depth is not re-established. For proper clutch operation to occur, the correct flywheel depth and clutch components must be verified before installation.

Application	Depth +/- .005"
12" B&B 2 Pl. Dodge	1.153"
13" B&B 2 Pl. Dodge	1.153"
13" Ford 2 Pl.	1.470"
14" Lipe	1.187"
14" Lipe M	1.812"
14" Lipe PT	2.937"
14" Long	1.187"
14" Mack	1.595"
14" Rockford	1.187"
14" Spicer 1 P	1.812"
14" Spicer 2 P	2.937"
15" Lipe M	1.812"
15" Lipe DP	1.750"
15" Mack	1.595"
15" Mack 2 P	2.796"
15" Rockford	1.750"
15 1/2" Lipe TC	1.225"
15 1/2" Long	1.325"
16 1/2" German Mack F&S	.670"
17" Lipe TC 1 P	1.218"
17" Lipe TC 2 P	2.321"

Riser Types

13" Lipe AK 204	1.062"
13" Lipe AK 209	1.062"
13" Lipe AK217	1.062"
13" Long	1.250"
14" Lipe AK 206	1.093"
14" Lipe AK 208	1.093"



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TECHNICAL BULLETIN



January 1999
TB 1649

Mfg: Cummins
Model: Truck
Liter: 3.9, 5.9 8.3L
Code: Diesel
Year: 1983-98

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Flywheel Machining Procedures On Cummins B & C Series Engines

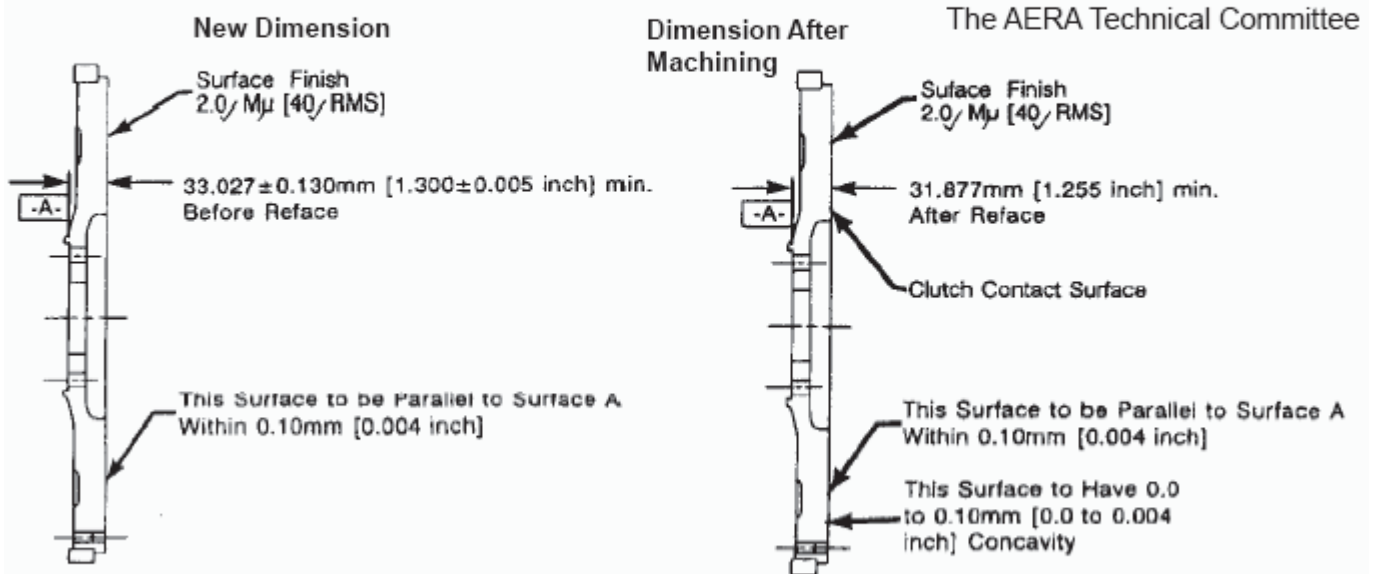
The AERA Technical Committee offers the following information regarding flywheel machining procedures for Cummins B & C Series engines. Cummins now offers a flat flywheel that will allow the clutch contact face surface to be machined.

The minimum thickness of the flywheel should not be less than 1.255" (31.877 mm) as measured from surface A to the clutch contact surface as shown in the figure below. Surface finish on the clutch contact surface must not be more than 2.0 micrometers (40 RMS). Clutch contact surface parallelism must be within .000-.004" (.000-.102 mm).

The thickness of the flywheel must be measured at a minimum of three places equally spaced around the flywheel. Place the flywheel on a straight edge or flat surface and measure from the clutch contact surface to the surface that the flywheel mounting (Surface A) contacts the end of the crankshaft.

If the flywheel is resurfaced below the minimum thickness of 1.255" (31.877 mm) it should be replaced. Also if heat or surface cracks still exist after machining, grooves are present after resurfacing, the flywheel needs to be discarded and replaced.

A new flywheel may be obtained by ordering Part #3921263 for the B series and Part #3922645 for the C Series.



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TECHNICAL BULLETIN



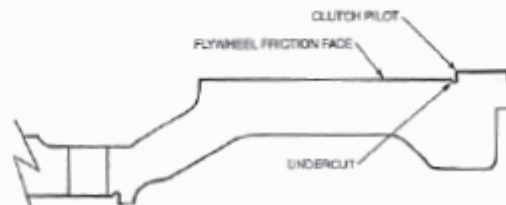
**May 1996
TB 1342**

**Mfg: Mack
Model: Truck
Liter: Various
Code: Diesel
Year: 1975-97**

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Flywheel Resurfacing Caution For Mack Trucks

Mack Trucks has established new wear limits for their flywheels. If a Mack flywheel requires resurfacing because of scoring, heat checks or distortion, the dimensions listed below and on the reverse side must be maintained. It should also be noted that flywheels that use ceramic clutch facings do not require resurfacing until .020" wear on the friction surface has been exceeded.



Clutch Model	Size CL Dia (")	Flywheel# 530GB	Min. Dim. "T" (")	Nominal "D" (")
28	15	4275/4280/4288	1.086	1.589-1.599
40	14	4178/4249	0.742	1.589-1.599
47	14	4181	0.960	1.183-1.193
50	14-1/2	4316	1.274	2.792-2.802
	14-1/2	4336	1.586	2.792-2.802
58	16-1/2	4326	1.112	1.657-1.667
	16-1/2	4328	1.180	1.657-1.667
65	14	4319/397	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
66	15-1/2	4381	1.211	Flat
	15-1/2	394	0.899	Flat
67	14	4319/397	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
	14	4350	0.961	1.870-1.880
	14	2219	0.961	1.870-1.880
68	14	4319/397	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
	14	4350/2219	0.961	1.870-1.880
69	14	4348/4319	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
72	13-1/2	4358	1.352	Flat
	13-1/2	4361	1.035	Flat

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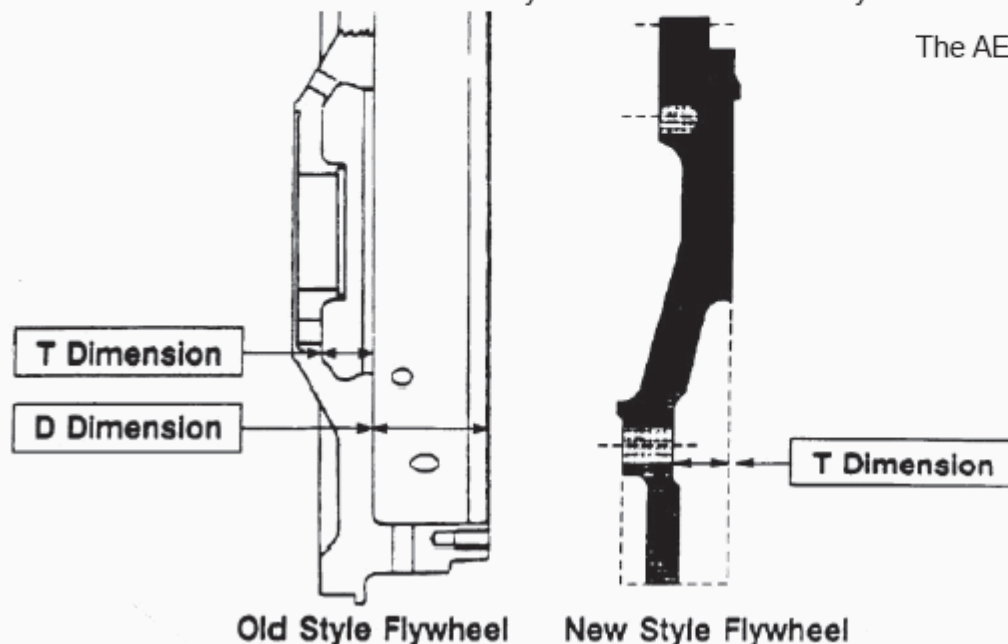
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TB 1342 Continued

Clutch Model	Size CL Dia (")	Flywheel# 530GB	Min. Dim. "T" (")	Nominal "D" (")
73	14	4319	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
74	15-1/2	4381	1.211	Flat
	15-1/2	394	0.899	Flat
75	14	4348/4319	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
77	14	4348/4319	1.212	2.932-2.942
78	14	4348/4319	1.212	2.932-2.942
	14	4349	0.899	2.932-2.942
79	15-1/2	394	0.899	Flat
	15-1/2	524B	0.599	Flat
793/795	15-1/2	4391A	1.036	Flat
795	15-1/2	524C	0.599	Flat
796	15-1/2	4391A	1.036	Flat
797/798	15-1/2	4402	1.148	Flat
	15-1/2	552/562	0.899	Flat
7991/7992	15-1/2	544M/544AM	1.066	Flat
81	15-1/2	394	0.899	Flat
82/83	14	4348/4319	1.212	2.932-2.942
84	14	3119/440	1.211	Flat
85/86	14	4348/4319	1.212	2.932-2.942
93(FWPTO)	15-1/2	4402	1.148	Flat
	15-1/2	544M/544AM	1.066	Flat

On pot-type flywheels, measure the distance between the flywheel friction surface and the clutch cover mounting surface, which is dimension "D" in the illustration below. This dimension must be re-established after the friction face is resurfaced. It is also recommended that flywheels that have balance holes on the clutch side should be balanced to within .50 inch ounce, after resurfacing.

Also, measure the distance between the flywheel friction surface and the flywheel mounting bolt surface ("T" dimension). If the distance is less than the minimum allowance, do not resurface the flywheel. The total maximum amount of stock which may be machined from the flywheel friction surface is .070".



TECHNICAL BULLETIN



**April 1994
TB 1093**

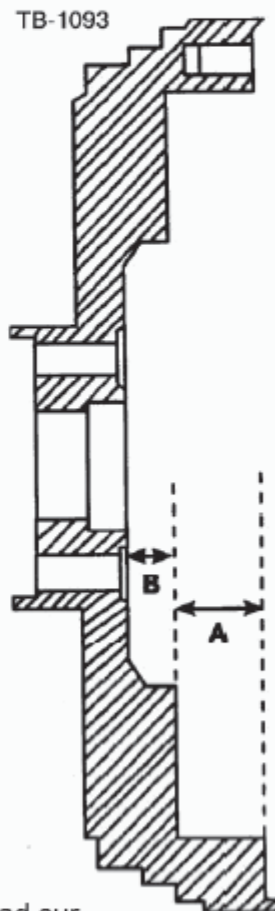
**Mfg: Allis Chalmers
Model: Tractors
Liter: Various
Code: Diesel & Gas
Year: 1947-95**

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Toll Free Technical Hotline 1-88-TECH-AERA (1-888-324-2372)

Flywheel Specifications For Allis Chalmers Tractors

The following chart of flywheel specifications may be referred to when surfacing or machining flywheels on Allis Chalmers agricultural tractors.

Casting Number	Tractor Model	Cup (A) Dimension (New)	(B) Dimension, Minimum Height
249869	175D	1.437+/- .005"	1.938"
257542	175G, 170G D17G	1.437+/- .005"	1.085"
4006698	190XT	1.437+/- .005"	0.617"
4513397	D19 G & D	1.437+/- .005"	0.617"
4024119	185 G & D 200,7000 7010 & 7020 PS	1.437+/- .005"	0.617"
4029209	210,220,D21	2.042+/- .005"	0.682"
4029522	7030, 7050	0.178+/- .005"	0.858"
4007689	7010 & 7020PD	0.178+/- .005"	0.908"
4035711	7040,7060 7080,7580	0.178+/- .005"	0.858"
4035834	7040,7060,7080 7045 PS & PD	0.178+/- .005"	0.858"
4028150	7040 & 7060 PS	1.437+/- .005"	1.472"
4396100	8550	1.100+/- .010"	1.148"



All new flywheels have the capability of .062" stock removal from the friction pad surface at time of manufacture. If a flywheel is measuring at or less than the minimum height, it should be replaced.

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TECHNICAL BULLETIN



**May 1992
TB 878**

**Mfg: Case IHC
Model: Tractors
Liter: Various
Code: Diesel & Gas
Year: 1947-95**

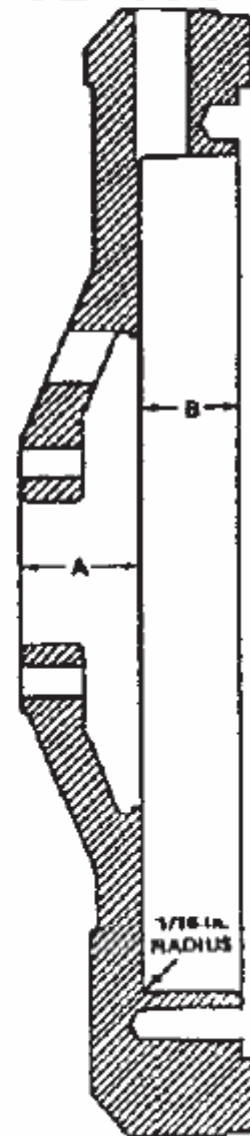
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Flywheel Specifications for Case/IH Tractors

The following chart of new flywheel specifications may be used when surfacing or machining flywheels on Case/IH agricultural and industrial tractors.

Engine	Machine Application	Dim. A	Dim. B
C-60	Cub, Lo-Boy	1.625"	0.013"
C-123	200, 230, 240 Tractors	1.182"	1.188"
C-123	Flywheel #372436R11	1.375"	1.188"
C-123	Flywheel #635094R11	1.425"	1.125"
C-135	330, 340 Tractors	1.115"	1.188"
C-135	404 Tractor	1.182"	1.188"
C-135	T & TC5 w/CRPTCO	1.425"	1.125"
BC-144	B-414, 3414 Tractors	1.156"	1.334"
BC-144	Flywheel #3047594	2.075"	N/A
BD-144	B-275 Tractor	1.188"	1.313"
C-146	660, 770, 780 Sprayer	0.872"	0.800"
C-146	424 Tractor	1.293"	1.344"
C-146	500 Crawler, single plate	2.050"	N/A
C-146	500 Crawler, dual plate	1.425"	1.125"
C-153	504, 2504, 3514 Tractors	1.115"	1.188"
C-153	444, 2444, 4000 Forklift	1.293"	1.344"
BD-154	B-414 Tractor	1.156"	1.344"
D-155	500C Crawler	3.216"	N/A
C-157	454, 2400 Tractors	2.000"	1.443"
D-166	330, 340 Tractors	1.115"	1.188"
C-169	300 Tractor	1.187"	1.187"
C-175	300, 350 Tractors	1,187"	1.187"
C-175	3514 Tractor	2.719"	1.188"
C-175	454, 464, 2400 Tractors	2.000"	1.443"
D-179	454, 484 Tractors	2.494"	1.443"
D-188	504, 2504, 3514 Tractors	1.115"	1.188"
C-200	544, 2544, 8000 Forklift	2.719"	1.188"
C-200	3500 Series A	2.000"	1.443"
C-200	S/N 28344 & above		
C-200	574, 674, 2500, 3500 Series A	2.808"	1.443"
C-200	S/N 28343 & below		
C-221	460, 606, 2606, 3616 Tractors	2.719"	1.188"
C-221	3616 Tractor S/N 49943 & above	2.470"	1.437"

TB-878



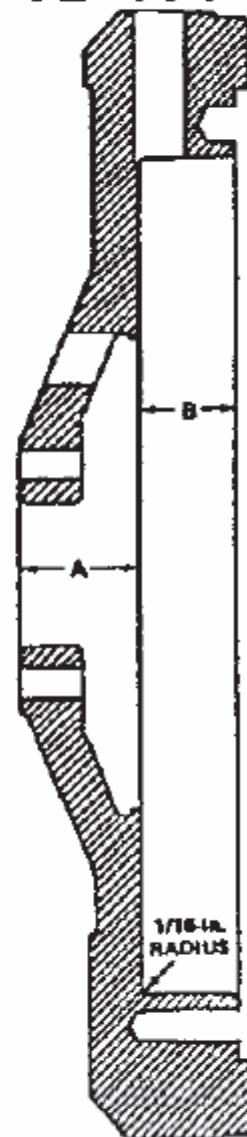
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TB 878 Continued

D-236	460, 606, 2606, 3616 S/N 1772 & below	2.719"	1.188"
D-236	3616 S/N 1773 & above	2.470"	1.437"
D-239	574, 2544, 3544 Tractors	2.460"	1.181"
D-239	574, 674, 2500, 3500 Tractors	2.494"	1.443"
D-239	Flywheel #3144211R91	2.204"	1.437"
C-248	M, 6 Series Tractors	1.374"	1.406"
C-263	506, 560, 606 Tractors	3.032"	1.406"
C-263	706, 2706 Tractors	1.624"	1.406"
C-263	656 Tractor	2.470"	1.437"
C-264	Super M, 400 Tractors	1.374"	1.406"
D-264	Super MD, 400 Tractors	1.374"	1.406"
C-281	400, 450, Super M, Super 6	1.374"	1.406"
D-282	560 Tractor	3.031"	1.406"
D-282	660, 706, 2706 Tractors	1.729"	1.406"
D-282	656 Tractor	2.470"	1.437"
C-291	666 Tractor	2.470"	1.437"
C-291	9000 Forklift	1.694"	0.120"
C-301	806, 826, 856 Tractors	1.624"	1.406"
D-310	706, 756 Tractors	2.362"	1.406"
D-312	666 Gradall	3.063"	1.437"
C-335	W-9, WR-9, WR-9S S/N 501-1439	1.625"	.500" above backplate mounting
C-335	W-9, WR-9, WR-9S S/N 1440 & up	1.625"	1.438"
D-335	WD-9 S/N 501-1439	1.625"	.500" above backplate mounting
D-335	WD-9 S/N 1440 & up	1.655"	1.438"
C-350	W-9, WR-9, WR-9S, 600, 650 Tractors	1.655"	1.438"
D-350	Super WD9, 600, 650 Tractors	1.655"	1.438"
D-358	826, 2826 Tractors	2.362"	1.406"
D-360	766 Tractor	1.594"	1.406"
D-361	806, 2806 Tractors	1.594"	1.406"
DT-361	1206, 21206 Tractors	1.562"	1.938"
DT-407	1256, 456, Tractors 21256, 21456	1.562"	1.938"
DT-407	856, 2856 Tractors	1.594"	1.406"
DT-414	966 Tractor	1.594"	1.406"
DT-414	1096 Tractor	1.562"	1.938"
DT-414	815, 915 Tractors	1.562"	1.406"
DT-429	4100, 4156	1.562"	1.938"
DT-436	1466 Tractor	1.562"	1.938"
DT-466	4366 Tractor	1.627"	1.938"
DV-550	1468, 1568 Tractors	1.792"	1.938"
DV-800	4568, max. stock removal .063"	1.437"	2.938"

TB-878



Specification 'A' is measured from the crankshaft mounting flange surface to the clutch friction surface.
Specification 'B' is measured from the pressure plate mounting surface to the clutch friction surface.

The AERA Technical Committee

TECHNICAL BULLETIN



May 1999
TB 1687

Mfg: Ford
Model: AGRI/IND
Liter: Various
Code: Diesel & Gas
Year: 1965-85

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Flywheel Specifications For Ford Agricultural & Industrial Engines

The following chart of flywheel specifications may be referred to while surfacing or machining flywheels on Ford agricultural and industrial engines. Generally, all flat flywheels may have an additional .080" removed from the original thickness dimension.

Flywheels with an outer wear groove of .025" are satisfactory for reuse without machine. Short heat cracks up to 3/8" long and which do not extend to the outside of the flywheel are not detrimental and those flywheels may be reused.

Casting Number	New Thickness	Minimum Thickness
C5NE-6375-U	2.380" (60.45 mm)	2.300" (58.42 mm)
C5NE-6375-AC	2.380" (60.45 mm)	2.300" (58.42 mm)
C5NE-6375-AE	2.700" (68.58 mm)	2.620" (66.56 mm)
C5NE-6375-AM	2.380" (60.45 mm)	2.300" (58.42 mm)
C5NE-6375-AT	2.380" (60.45 mm)	2.300" (58.42 mm)
C5NE-6375-AU	2.700" (68.58 mm)	2.620" (66.56 mm)
C5NE-6375-AV	2.380" (60.45 mm)	2.300" (58.42 mm)
C5NE-6375-AZ	2.380" (60.45 mm)	2.300" (58.42 mm)
C5NE-6375-BB	2.700" (68.58 mm)	2.620" (66.56 mm)
C5NE-6375-BC	2.700" (68.58 mm)	2.620" (66.56 mm)
C5NN-6375-A	2.380" (60.45 mm)	2.300" (58.42 mm)
C8NE-6375-A	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-B	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-C	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-E	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-F	2.700" (68.58 mm)	2.620" (66.56 mm)
C7NN-6375-G	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-H	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-J	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-K	2.700" (68.58 mm)	2.620" (66.56 mm)
C7NN-6375-L	2.700" (68.58 mm)	2.620" (66.56 mm)
C7NN-6375-M	2.380" (60.45 mm)	2.300" (58.42 mm)
C7NN-6375-R	2.380" (60.45 mm)	2.300" (58.42 mm)
D1NN-6375-C	2.380" (60.45 mm)	2.300" (58.42 mm)
D3NN-6375-B	2.380" (60.45 mm)	2.300" (58.42 mm)
D3NN-6375-C	2.380" (60.45 mm)	2.300" (58.42 mm)

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Casting Number	New Thickness	Minimum Thickness
D5NN-6375-O	2.700" (68.58 mm)	2.620" (66.56 mm)
D5NN-6375-D	2.380" (60.45 mm)	2.300" (58.42 mm)
D8NN-6375-BB	2.110" (53.59 mm)	2.030" (51.68 mm)
D8NN-6375-EA	2.700" (68.58 mm)	2.620" (66.56 mm)
E0NN-6375-BA	1.900" (48.25 mm)	1.820" (46.23 mm)
E0NN-6375-FA	2.700" (68.58 mm)	2.620" (66.56 mm)
E0NN-6375-GA	2.700" (68.58 mm)	2.620" (66.56 mm)
E0NN-6375-KA	2.380" (60.45 mm)	2.300" (58.42 mm)
E0NN-6375-LA	2.380" (60.45 mm)	2.300" (58.42 mm)
E0NN-6375-SA	2.700" (68.58 mm)	2.620" (66.56 mm)
E0NN-6375-UA	2.700" (68.58 mm)	2.620" (66.56 mm)

On flywheels with a step, the dimension from the clutch surface to the pressure plate-mating surface must be maintained by removing an equal amount of material from the step. For TW15 to TW35, 8630 to 8830 series tractors, the step height is 2.042" +/- .005". For 3 cylinder tractors with a double clutch (1965-83), the step height is 1.715-1.720" (43.561-43.688 mm).

The AERA Technical Committee

TECHNICAL BULLETIN



**February 2001
TB 1871**

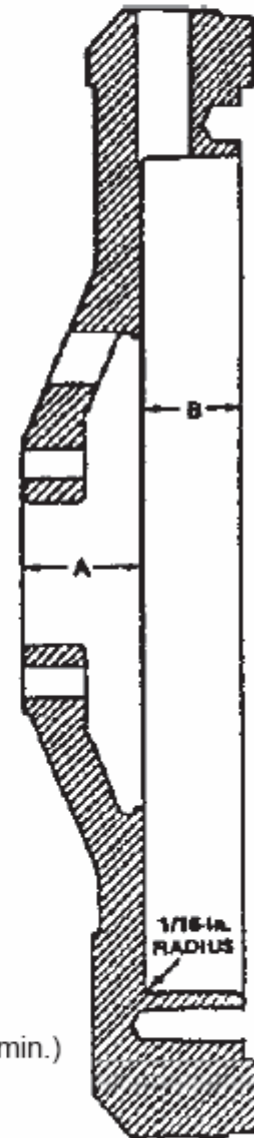
**Mfg: Massey Ferguson
Model: Tractors
Liter: Various
Code: Diesel & Gas
Year: 1947-95**

330 Lexington Drive • Buffalo Grove, IL 60089-6998 • 847-541-6550 • Fax 847-541-5808
Toll Free Technical Hotline 1-88-TECH-AERA (1-888-324-2372)

Flywheel Specifications For Massey Ferguson Tractors

The following chart of new flywheel specifications may be referred to when surfacing or machining flywheels on Massey Ferguson agricultural and industrial tractors.

Tractor Model	Cup/Step (B) Dimension	Comments. (A: min. thickness)
20	Flat	Single Clutch
20 & 20C	1.717-1.723"	Dual Clutch
20C	1.127-1.147"	
20D & 30E	1.156-1.167"	
30E	.059-.099"	
30B & 35	1.717-1.7231"	Dual Clutch
40B	1.397-1.417"	Single Clutch
40 & 40B	1.717-1.723"	Dual Clutch
40	Flat	Dual Clutch
50D, 50E, 50F	.059-.099"	
50E	1.156-1.157"	
50C	1.397-1.417"	
50	1.717-1.723"	
90	.423-.453"	
135 & 150	1.717-1.723"	Dual Clutch
135 & 150	1.127-1.147"	Single Clutch
135	Flat	Single Clutch
154-4	.196-.198"	
165U	Flat	
165,175, 180	1.397-1.417"	Single Clutch
165, 175,180	1.717-1.723"	Dual Clutch
184-4	.1968"	
203	Flat	Single Clutch
203, 235, 245	1.717-1.723'1	Dual Clutch
205	Flat	
231	1.560-1.565"	Dual Clutch, (A: .895" min.)
235 & 245	1.127-1.147"	Single Clutch
240	1.560-1.565"	Dual Clutch, Single disc (A:.895" min.)
250	1.560-1.565"	

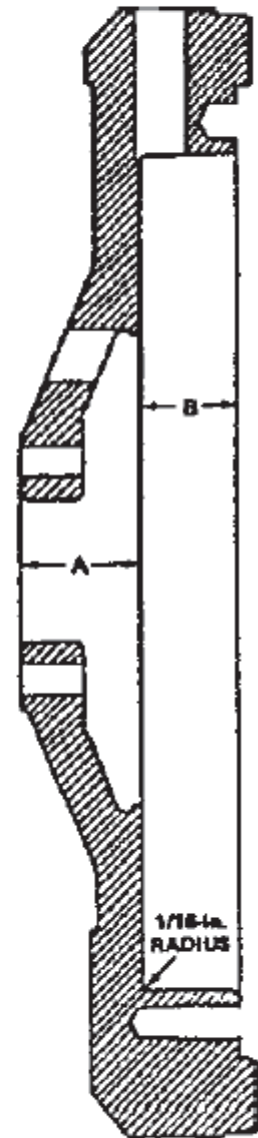


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253	1.560-1.565"	Dual Clutch, (A:.895" min.)
264-4 & 274-4	.196-.198"	
255 & 265	1.717-1.723"	Dual Clutch
255 & 265	1.397-1.417"	Single Clutch
270	1.565-1.570"	
275	1.560-1.565"	
285	1.386-1.426"	
290	1.565-1.570"	Single & Dual Clutch
294-4	.196-.168"	Dual Clutch
298 & 302	Flat	Single Clutch
302	1.717-1.723"	Dual Clutch
360	1.560-1.565"	Single & Dual disc,(A:.850"min)
375 & 390	1.560-1.565"	Single & Dual disc,(A: .520"min)
390	1.600"	Single & Dual disc.
670	1.560-1.565"	
698	Flat	
699	.120-.140"	
1020	Flat	Single disc,(A: 1.200" min.)
1030	Flat	Single disc,(A: 1.337" min.)
1035	-.079"	Single disc,(A: .904" min.)
1045	-.079"	Single disc,(A: 1.082" min.)
1080 & 1085	1.386-1.426"	
1100 & 1130	.410-.435"	Single disc.
1100 & 1130	1.035-1.045"	Double disc.
1105	1.182-1.192"	Double disc.
1135	1.182-1.192"	Single disc.
1140 & 1145	.026"	Single disc,(A: 2.020" min.)
1150	1.035-1.045"	Single disc.
1155	1.182-1.192"	Single disc.
1805	.125"	
2135	1.717-1.723"	Dual Clutch
2135	Flat	Single disc.
2200	1.717-1.723"	Dual Clutch
2640	1.407-1.411"	"M92" flywheel
2640	1.338-1.342"	Plus 3 (.070") shims used
2675 & 2706	1.830-1.840"	
2745,2775,2805	2.890-2.900"	
3060 & 3070	1.342-1.346"	Single disc, (A: 1.022: min.)
3090	1.342-1.346"	Single disc, (A: 3.914" min.)
3120 & 3140	Flat	Single disc, (A: 1.534" min.)
3165	1.717-1.723"	
3505,3525,3545	1.338-1.342"	Plus 3 (.070") shims used
3505,3525,3545	1.407-1.411"	"M92" flywheel
3630,3650,3660	1.407-1.411"	Single disc, (A: 2.229" min.)
3680	.016-.024"	Dual clutch, (A: 3.375" min.)
TO30	1.123-1.127"	Early Model
TO30	1.717-1.723"	Late Model



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