

NHRA Technical Specifications

For

1973 Ford Motors

BORE	STROKE	DISPLACEMENT	CYLINDERS	ROD LENGTH
3.188	3.063	97	4	5.194
3.578	3.030	122	4	5.000
3.554	2.630	156	6	5.140
3.684	3.126	200	6	4.715
3.682	3.910	250	6	5.880
4.002	3.000	302	8	5.090
4.002	3.500	351	8	5.959 Windsor
4.002	3.500	351	8	5.780 Cleveland
4.000	4.000	400	8	6.580
4.362	3.590	429	8	6.605
4.362	3.850	460	8	6.605

5/3/2008

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Revised: 8-6-76, 7-23-98, 8-1-99, 12-2-02, 6-1-08 WR, 1/1/16 PC, 4/18/17 PC

HP	Disp	C.R.	Ind.	Make	Model/Transmission	Manifold	R.R.	Lifter	Head	cc	Notes
55	97	8.84	1-1	Mtcf	731F-KAA or LCA/SM ONLY	701F-BA	1.54	M	6.6	5,A	
84	200	9.38	1-1	Cart	D3DF-AA or BA/SM	NA	1.50	H	51.5	1,6,B	
85	122	9.76	1-2	Ho/We	D3ZF-BA,BD/SM	71HF-HB	1.60	M	48.2	2,7,C	
88	250	9.75	1-1	Cart	D3OF-BC,BD/SM CA,CB,CD/AUTO	NA	1.50	H	51.5	8,B	
93	250	9.75	1-1	Cart	D3OF-BC,BD/SM CA,CB,CD/AUTO	NA	1.50	H	51.5	8,B	
99	250	9.75	1-1	Cart	D3OF-BC,BD/SM CA,CB,CD/AUTO	NA	1.50	H	51.5	8,B	
107	156	9.80	1-2	Holl	72TF-BEA/SM BFA/Auto	71TF-AA	1.46	M	37.5	7,D	
135	302	9.28	1-2	Mtcf	D3DF-EA,D3GF-BB,D3OF-JA	D3OE-AA	1.61	H	56.7	3,9,E	
137	302	9.28	1-2	Mtcf	D3DF-EA,D3GF-BB,D3OF-JA	D3OE-AA	1.61	H	56.7	3,9,E	
138	302	9.28	1-2	Mtcf	D3DF-EA,D3GF-BB,D3OF-JA	D3OE-AA	1.61	H	56.7	3,9,E	
141	302	9.28	1-2	Mtcf	D3DF-EA,D3GF-BB,D3OF-JA	D3OE-AA	1.61	H	56.7	3,9,E	
154	351	9.28	1-2	Mtcf	D3AF-DC,KA,MA,PA,UA,XA/AUTO	D3AE-CA	1.73	H	72.9	4,10,F	
156	351	9.40	1-2	Mtcf	D3AF-NA,JA,CE,RB/AUTO	D3OF-BA	1.61	H	58.3	10,G	
157	351	9.28	1-2	Mtcf	D3AF-DC,KA,MA,PA,UA,XA/AUTO	D3AE-CA	1.73	H	72.9	4,10,F	
158	351	9.40	1-2	Mtcf	D3AF-NA,JA,CE,RB/AUTO	D3OF-BA	1.61	H	58.3	10,G	
159	351	9.28	1-2	Mtcf	D3AF-DC,KA,MA,PA,UA,XA/AUTO	D3AE-CA	1.73	H	72.9	4,10,F	
161	351	9.28	1-2	Mtcf	D3AF-DC,KA,MA,PA,UA,XA/AUTO	D3AF-CA	1.73	H	72.9	4,10,F	
163	400	9.19	1-2	Mtcf	D3MF-BA,CA,DA,EA,FA,GA,AF	D3AE-BA	1.73	H	75.6	10,H	
167	400	9.19	1-2	Mtcf	D3MF-BA,CA,DA,EA,FA,GA,AF	D3AE-BA	1.73	H	75.6	10,H	
168	400	9.19	1-2	Mtcf	D3MF-BA,CA,DA,EA,FA,GA,AF	D3AE-BA	1.73	H	75.6	10,H	
171	400	9.19	1-2	Mtcf	D3MF-BA,CA,DA,EA,FA,GA,AF	D3AE-BA	1.73	H	75.6	10,H	
173	351	9.28	1-2	Mtcf	D3AF-DC,KA,MA,PA,UA,XA/AUTO	D3AE-CA	1.73	H	72.9	4,10,F	
177	351	9.28	1-2	Mtcf	D3AF-DC,KA,MA,PA,UA,XA/AUTO	D3AE-CA	1.73	H	72.9	4,10,F	
197	429	9.30	1-4	Mtcf	D3AF-LA,SA,VA,YA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
198	429	9.30	1-4	Mtcf	D3AF-LA,SA,VA,YA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
198	460	9.30	1-4	Mtcf	D3VE-DA,EA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
201	429	9.30	1-4	Mtcf	D3AF-LA,SA,VA,YA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
202	429	9.30	1-4	Mtcf	D3AF-LA,SA,VA,YA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
202	460	9.30	1-4	Mtcf	D3VF-DA,EA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
208	429	9.30	1-4	Mtcf	D3AF-LA,SA,VA,YA/AUTO	D3VE-A1B	1.73	H	88.7	11,I	
246	351	9.45	1-4	Mtcf	D3ZF-JA,LA/SM KA,MA/AUTO	D3ZE-AA	1.73	H	70.9	11,J	
253	351	9.45	1-4	Mtcf	D3ZF-JA,LA/SM KA,MA/AUTO	D3ZE-AA	1.73	H	70.9	11,J	
266	351	9.45	1-4	Mtcf	D3ZF-JA,LA/SM KA,MA/AUTO	D3ZE-AA	1.73	H	70.9	11,J	

1-Alt carbs D3DF-CA,DA,FA,GA/AUTO 2-Alt carbs D3ZF-AA,CA/AUTO

3-Alt carbs D3ZF-EA/SM D3AF-ABA,D3GF-AF,D3OF-EA,FA,D3ZF-NA/AUTO 4-Alt carbs D3ZF-FA,HA/AUTO

Cylinder Head Castings

A=711M-CA B=C9DE-M,D3DE-AA C=70HM-NA D=70TM-KA E=D00E-B,D20E-BA F=D1AE-CB G=D00E-C H=D1AE-A1C
I=D3VE-A2A J=D3ZE-AA

Carb Sizes

5 - 1343/0980
6 - 1686/1313 Carter Carb #'s - 6378,6379,6380,6381,6576,6577,6578,6579,6580
7 - 1260x1420/1023x1064
8 - 1563/1375 Carter Carb #'s - 7147,6391,6485,6512,6558
9 - 1563/1080
10 - 1686/1210
11 - 1563x1960/1250xAV

HP	Disp	Deck	Piston	Height	Vol	Valves	Cam Lift	Gasket	Springs
55	97	.008	Dish	.485	38.0 cc	1507/1244	325/336	.032	Outer Only
84	200	.011	Dish	.103	6.1 cc	1660/1399	379/348	.020	Outer Only
85	122	.007	Flat			1661/1425	400/400	.040	Outer Only
88	250	.088	Dish	.103	6.1 cc	1660/1399	370/370 STD	.020	Outer Only
88	250	.088	Dish	.103	6.1 cc	1660/1399	379/348 AUTO	.020	Outer Only
93	250	.088	Dish	.103	6.1 cc	1660/1399	370/370 STD	.020	Outer Only
93	250	.088	Dish	.103	6.1 cc	1660/1399	379/348 AUTO	.020	Outer Only
99	250	.088	Dish	.103	6.1 cc	1660/1399	370/370 STD	.020	Outer Only
99	250	.088	Dish	.103	6.1 cc	1660/1399	379/348 AUTO	.020	Outer Only
107	156	.028	Flat			1570/1270	373/373	.035	Outer Only
135	302	.036	Dish		10.4 cc	1791/1460	370/380 STD	.036	Outer Only
135	302	.036	Dish		10.4 cc	1791/1460	369/381 AUTO	.036	Outer Only
137	302	.036	Dish		10.4 cc	1791/1460	370/380 STD	.036	Outer Only
137	302	.036	Dish		10.4 cc	1791/1460	369/381 AUTO	.036	Outer Only
138	302	.036	Dish		10.4 cc	1791/1460	370/380 STD	.036	Outer Only
138	302	.036	Dish		10.4 cc	1791/1460	369/381 AUTO	.036	Outer Only
141	302	.036	Dish		10.4 cc	1791/1460	370/380 STD	.036	Outer Only
141	302	.036	Dish		10.4 cc	1791/1460	369/381 AUTO	.036	Outer Only
154	351	.010	Dish	.025	4.2 cc	2050/1660	406/406	.036	Outer Only
156	351	.015	Dish		16.6 cc	1852/1550	419/448	.036	Outer Only
157	351	.010	Dish	.025	4.2 cc	2050/1660	406/406	.036	Outer Only
158	351	.015	Dish		16.6 cc	1852/1550	419/448	.036	Outer Only
159	351	.010	Dish	.025	4.2 cc	2050/1660	406/406	.036	Outer Only
161	351	.010	Dish	.025	4.2 cc	2050/1660	406/406	.036	Outer Only
163	400	.035	Dish		7.9 cc	2050/1660	422/427	.035	Outer Only
167	400	.035	Dish		7.9 cc	2050/1660	422/427	.035	Outer Only
168	400	.035	Dish		7.9 cc	2050/1660	422/427	.035	Outer Only
171	400	.035	Dish		7.9 cc	2050/1660	422/427	.035	Outer Only
173	351	.010	Dish	.025	4.2 cc	2050/1660	406/406	.036	Outer Only
177	351	.010	Dish	.025	4.2 cc	2050/1660	406/406	.036	Outer Only
197	429	.009	Dish	.060	6.0 cc	2090/1661	442/486	.035	Outer Only
198	429	.009	Dish	.060	6.0 cc	2090/1661	442/486	.035	Outer Only
198	460	.009	Dish	.160	14.8 cc	2090/1661	442/486	.035	Outer Only
201	429	.009	Dish	.060	6.0 cc	2090/1661	442/486	.035	Outer Only
202	429	.009	Dish	.060	6.0 cc	2090/1661	442/486	.035	Outer Only
202	460	.009	Dish	.160	14.8 cc	2090/1661	442/486	.035	Outer Only
208	429	.009	Dish	.060	6.0 cc	2090/1661	442/486	.035	Outer Only
246	351	.010	Dish	.025	4.2 cc	2050/1660	481/490	.036	Outer w Damper
253	351	.010	Dish	.025	4.2 cc	2050/1660	481/490	.036	Outer w Damper
266	351	.010	Dish	.025	4.2 cc	2050/1660	481/490	.036	Outer w Damper