

1966 to 1977 Ford Bronco Tune-Up Specifications

Year	Engine		Spark Plugs		Distributor		Ignition Timing		Intake Valve Opens	Fuel Pump Pressure	Compression Pressure	Idle Speed		Clearance	
	Cyl.	cid	Type	Gap inches	Point Dwell degrees	Point Gap inches	Man. Trans. degrees	Auto Trans. degrees				Man. Trans. rpm	Auto Trans. rpm	Intake inches	Exhaust inches
1966	I6	170	BF82	.034	40	.025	0/4B ⑥	-	9	4 to 6	175	650	-	.018	.018
	V8	289	BF42	.034	29	.017	6B	-	16	4 to 6	155	625	-	Hyd.	Hyd.
1967	I6	170	BF82	.034	40	.025	0/4B ⑥	-	9	4 to 6	175	650	-	.018	.018
	V8	289	BF42	.034	29	.017	6B	-	16	4 to 6	155	625	-	Hyd.	Hyd.
1968	I6	170	BF82	.034	37	.027	6B	-	9	4 to 6	175	700	-	.018	.018
	V8	289	BF42	.034	29	.017	6B	-	16	4 to 6	155	625	-	Hyd.	Hyd.
1969	I6	170	BF82	.034	37	.027	6B	-	9	4 to 6	①	750	-	.018	.018
	V8	302	BF42	.030	27	.021	6B	-	16	4 to 6	①	650	-	Hyd.	Hyd.
1970	I6	170	BF82	.034	37	.027	6B	-	9	4 to 6	①	775	-	.018	.018
	V8	302	BF42	.034	27	.021	6B	-	16	4 to 6	①	675	-	Hyd.	Hyd.
1971	I6	170	BRF82	.034	36	.027	6B	-	9	4 to 6	①	775	-	.018	.018
	V8	302	BRF42	.030	27	.021	6B	-	16	4 to 6	①	800/500 ②	-	Hyd.	Hyd.
1972	I6	170	BRF82	.034	36	.027	6B	-	9	4 to 6	①	750	-	.018	.018
	V8	302	BRF42	.034	28	.017	6B	-	16	4 to 6	①	800/500 ②	-	Hyd.	Hyd.
1973	I6	200	BRF82	.034	37	.027	6B	6B	9	4 to 6	①	500	600 ④	Hyd.	Hyd.
	V8	302	BRF42	.034	27	.017	6B	6B	16/20 ③	4 to 6	①	800/500 ②	550 ④	Hyd.	Hyd.
1974	I6	200	BRF42	.034	37	.027	6B	6B	9	4 to 6	①	775	675 ④	Hyd.	Hyd.
	V8	302	BRF42	.044	27	.017	6B	6B	16/20 ③	4 to 6	①	800/500 ②	650/500 ② ④	Hyd.	Hyd.
1975	V8	302	ARF42	.044	Electronic		⑤	⑤	20	5 to 6	①	900	650 ④	Hyd.	Hyd.
1976	V8	302	ARF42	.044	Electronic		⑤	⑤	20	5 to 6	①	750	650 ④	Hyd.	Hyd.
1977	V8	302	ARF42	.044	Electronic		⑤	⑤	20	5 to 6	①	⑤	④ ⑤	Hyd.	Hyd.

①	Lowest compression should be within 75% of highest	④	Transmission in drive
②	Solenoid on/solenoid off	⑤	See underhood specifications sticker
③	Manual transmission/Automatic transmission	⑥	With/without thermactor air pump