Service Department

Technical Service Bulletin

Dodge

Dodge Cars

Of Interest ☐ General Manager ☐ Sales Manager ☐ Service Manager ☐ Parts Manager ☐ Service Technicians

July 21, 1971

No. D71-14-9

FUEL

Carburetor Substitution

MODELS:

1971 Cars

P-1948-C

Because of a shortage of Carter carburetors the following Holley carburetors are being used in production:

HOLLEY 1920 SERIES SINGLE THROAT CARBURETOR

Car Models: Dart and Challenger

	Manual Transmission	Automatic Transmission
Chrysler Part No.	3671743	3671744
Model	R-6363A	R-6364A
Engine Displacement (Cu. In)	198	198
Bore	1-9/16"	1-9/16"
Venturi	1-1/4"	1-1/4"
Main Metering Jet		
Standard	#49	#50
One Step Lean	#48	#49
Two Steps Lean	#47	#48
ADJUSTMENTS		
Float Setting	Use Gauge	
Float Level Height (Wet)	27/32"	27/32"
Vacuum Kick (Drill Size)	#39	#39
Cam Position Adjustment (Drill Size)	#52	#52
Choke Unloader (See Fast Idle Cam Position Adjustment)	9/32"	9/32"
Bowl Vent Valve	.015-.025	.015-.025
Idle Speed (Curb Idle RPM)	800	800
Fast Idle Speed (Engine Hot and Screw on 2nd Highest Step of Cam RPM)		
Manual Transmission	2000	-
Automatic Transmission	-	1900
CHOKE		
Part No.	3614111	3614111
Type	Well	
Control	Thermostatic Coil Spring	
Setting	2 Notches Rich	

(Over)

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HOLLEY 2210 SERIES 2-BARREL CARBURETOR

Car Models: Challenger, Coronet, Charger, Polara and Monaco

	Automatic Transmission
Chrysler Part No.	3418533
Model	R-4373A
Engine	383
Bore	1-9/16"
Venturi	1-13/32"
Main Metering Jet	
Standard	#63 #65
One Step Lean	#62 #64
Two Steps Lean	#61 #63
ADJUSTMENTS	
Accelerator Pump Setting	9/16" (1/4" Travel)
Float Setting	#7 Drill (.200)
Vacuum Kick Adjustment	#28 Drill
Fast Idle Cam Position Adjustment	#35 Drill
Bowl Vent Valve (at Curb Idle)	5/64"
Choke Unloader	11/64"
Idle Speed RPM (Curb Idle)	650
Fast Idle Speed RPM	1700*
CHOKE	
Part No.	2946537
Type	Well
Control	Thermostatic-Coil Spring
Setting	2 Notches Rich

*After Approximately 500 Miles (If Necessary)

HOLLEY MODEL 4160 4-BARREL DOWNDRAFT CARBURETOR

Car Models: Polara and Monaco

	Automatic Transmission
Chrysler Part No.	3418552
Model	R-4360A
Engine	440 Standard
Throttle Bore	
Primary	1-9/16"
Secondary	1-9/16"
Main Venturi	
Primary	1-1/4"
Secondary	1-5/16"
Main Metering Jet	
Standard	#64
1 Size Lean	#63
2 Size Lean (5,000-10,000 Ft.)	#62

ADJUSTMENTS

Curb Idle Speed	650
Fast Idle Speed (No. 2 Step)	1600
Bowl Vent Valve	#72 Drill
Unloader Adjustment (Wide Open Throttle)	#25 Drill
Vacuum Kick Adjustment	#46 Drill
Fast Idle Cam Position	#53 Drill
Float Setting (Dry)	
Primary	15/64"
Secondary	17/64"
Float Setting (Wet)	
Primary	9/16"
Secondary	13/16"
Accelerator Pump	
Override Adjustment (Wide Open Throttle)	.015 Min.
Power Valve (Stamped)	65
CHOKE	
Part No.	3512867
Type	Well
Control	Coil Spring
Setting	2 Notches Rich

HOLLEY MODEL 4160 SERIES 4- BARREL CARBURETOR

Car Models: Polara and Monaco

	Automatic Transmission
Chrysler Part No.	3512830
Model	R-4668A
Engine	383 4-Bbl.
Throttle Bore	
Primary	1-9/16"
Secondary	1-3/4"
Main Venturi	
Primary	1-1/4"
Secondary	1-9/16"
Main Metering Jet	
Standard	#64
1 Size Lean	#63
2 Size Lean (5,000-10,000 Ft.)	#62

ADJUSTMENTS	
Curb Idle Speed	800
Fast Idle Speed (No. 2 Step)	1700*
Bowl Vent Valve	.015"
Unloader Adjustment (Wide Open Throttle)	#25 Drill
Vacuum Kick Adjustment	#46 Drill
Fast Idle Cam Position	#53 Drill
Float Setting (Dry)	
Primary	15/64"
Secondary	17/64"
Float Setting (Wet)	
Primary	9/16"
Secondary	13/16"
Accelerator Pump	
Override Adjustment (Wide Open Throttle)	.015 Min.
Power Valve (Stamped)	.65
CHOKE	
Part No.	3512867
Type	Well
Control	Coil Spring
Setting	2 Notches Rich

* After Approximately 500 Miles (If Necessary)

POLICY: INFORMATION ONLY

J. D. MORTON
Manager - Technical Services
U. S. AUTOMOTIVE SALES & SERVICE