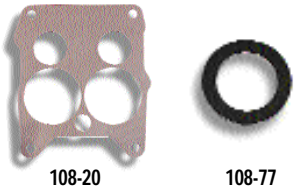




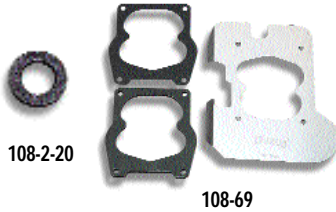
GASKETS

CARBURETORS
FUEL MIXTURE
FUEL PUMPS RESERVOIRS
AIR/FUEL MIXTURES
SUPERCHARGERS
FLAME ARRESTORS THRUSTLE BODIES
IGNITION SYSTEMS & COMPONENTS
CAMSHAFTS
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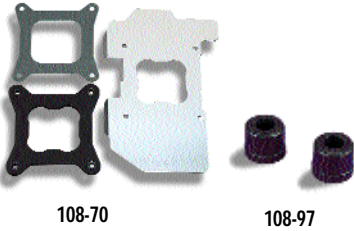
Base Plate Part #
108-20
 Model: Rochester
 Quadra-Jet
 Bore Size:
 1-3/8" primary
 2" secondary
 Thickness: 5/8"

Throttle Body Gasket Part #
108-40
 Model: 2300 carburetor
 List R4412



Fuel Bowl Plug Gasket – Quick Change Part #
108-77
 All Holley quick change
 fuel bowls

Throttle Body Gasket Part #
108-74
 Model: 2300 carburetor
 List R7448



Fuel Bowl Screw Gasket Part #
108-2-20
 All Holley fuel bowl
 screws, 20/pkg

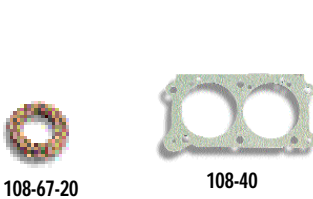
Throttle Body Gasket Part #
108-61
 Models 4150/4160
 carburetors
 Bore Size:
 1-7/16" x 1-7/16"

Heat Shield Part #
108-69
 Model: Rochester
 Quadra-Jet
 Holley 4011, 4165

Throttle Body Gasket Part #
108-3
 Models 4150/4160
 carburetors
 Bore Size:
 1-9/16" x 1-9/16"

Heat Shield Part #
108-70
 Model: 4010, 4150 and
 4160

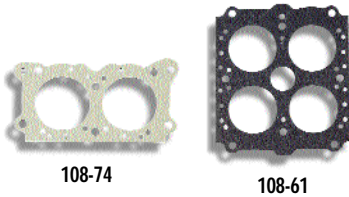
Throttle Body Gasket Part #
108-5
 Models 4150/4160
 carburetors
 Bore Size:
 1-11/16" x 1-11/16"



Transfer Tube O-Ring Part #
26-37
 Use with fuel transfer
 tube P/N 26-19,
 P/N 26-20 and
 P/N 26-21

Throttle Body Gasket Part #
108-7
 Models 4150/4160
 carburetors
 Bore Size:
 1-3/4" x 1-3/4"

Transfer Tube Seal Part #
108-97
 Use with fuel transfer
 tube P/N 26-114,
 P/N 26-115 and
 P/N 26-116

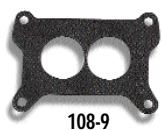


Vacuum Passage Gasket – Cork Part #
108-67-20
 Seals vacuum
 passages to
 vacuum secondary
 and automatic
 choke housings, 20/pkg

Throttle Body Gasket Part #
108-57
 Models 4180
 carburetor



GASKETS



108-9



108-52



108-51



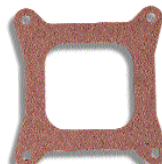
108-58



108-18



108-12



108-10



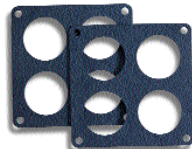
108-19



108-25



108-84-2



108-99

Base Gasket Part #
108-9
 Model: 2010 and 2300
 Bore Size: 1-13/16"
 Thickness: .060"

Base Gasket and Studs Part #
108-52
 Model: 2010 and 2300
 Bore Size: 1-1/2"
 Thickness: .250"

Base Gasket and Studs Part #
108-51
 Model: 4150, 4160 and 4180
 Bore Size: 1-9/16"
 Thickness: .260"

Base Gasket Part #
108-58
 Model: 4150, 4160 and 4180
 Bore Size: 1-9/16"
 Thickness: .204"

Base Gasket Part #
108-18
 Model: 4010, 4150 and 4160
 Bore Size: 1-3/4"
 Thickness: 5/16"

Base Gasket and Studs Part #
108-12
 Model: 4010, 4150 and 4160
 Bore Size: 1-3/4"
 Thickness: 5/16"

Base Gasket Part #
108-10
 Model: 4150 and 4160
 Bore Size: 1-13/16"
 Thickness: 1/16"

Base Gasket Part #
108-76
 Model: 4150 and 4160
 Bore Size: 1-13/16"
 Thickness: 5/32"

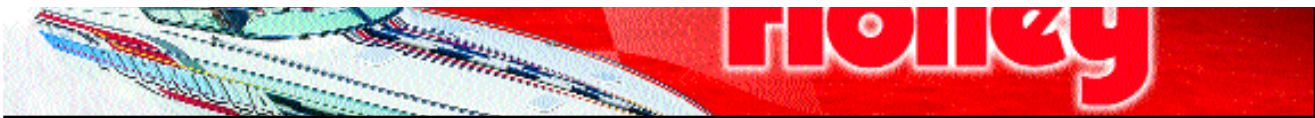
Base Gasket Part #
108-19
 Model: 4011 and 4165
 Bore Size: 1-3/8" primary
 2" secondary
 Thickness: 5/8"

Base Gasket Part #
108-25
 Model: 4011 and 4165
 Bore Size: 1-1/2" primary
 2" secondary
 Thickness: 1/4"

Base Gasket Part #
108-84-2
 Model: 4500 and 4500 DOMINATOR HP
 Thickness: 1/16"

Base Insulator (Phenolic) Part #
108-37
 Model: 4011, 4165 and 4360
 Bore Size: 1-3/8" primary
 2-3/8" secondary
 Thickness: 5/8"

Base Gasket Part #
108-99
 Model: 4500 Dominator HP
 Thickness: .060"



RENEW KIT®

Renew Kit® original equipment marine rebuild kits are available for all Holley marine carburetors as well as Carter and Rochester. Each kit contains all parts and gaskets that are necessary to restore "like new" performance to your marine carburetor. Detailed instructions are also included to guide you through the rebuilding process. Start off the season with a quality Holley Renew Kit® marine repair kit. It's your guarantee for trouble-free cruising.

- CARBURETORS
- FUEL INJECTION
- FUEL PUMPS & REGULATORS
- ENGINE MANIFOLDS
- SUPERCHARGERS
- FLAME ARRESTERS & THROTTLE BODIES
- IGNITION SYSTEMS & COMPONENTS
- CRANKSHAFTS
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Holley Renew Kit	Holley Marine Carburetors
3-396	R6105, R6105-1, R6106, R6107, R6107-1
3-474	R9011
3-485	R9022, R80427, R80466
3-606	R9023
3-720	R9013, R9015, R80341
3-888	R6150
3-1184	R6361, R8572, R9029, R80159
3-1445	R84018, R84018-1, R84018-2, R84023, R84023-1, R84023-2, R84028, R84038, R84039, R84044, R84044-1
3-1447	R84022, R84022-1, R84024, R84024-1, R84026, R84026-1, R84026-2, R84040, R84040-1, R84041, R84041-1, R84042
37-1539	R75010, R75011, R80340, R80340-1
703-1	R4473, R6151, R6152, R6407, R80551
703-28	R9393, R9394, R9399, R9399-1, R50405, R50405-1, R50418, R50462, R50462-1, R50468, R50468-1, R80262, R80264, R80364
703-29	R50419, R50419-1, R50419-2, R50463, R50463-1, R80265, R80315, R80315-1, R80403, R80403-1, R80473, R80473-1, R80492
703-30	R50417, R50417-1, R50461, R50461-1, R50467, R50467-1, R80263, R80320-1
703-32	R7036
703-33	R7128, R7159, R7163, R8159, R9392, R50464, R50470, R80318-1
703-34	R80310, R80310-1, R80310-2, R80391, R80552
703-35	R80311, R80311-1, R80311-2, R80330, R80330-1, R80444
703-36	R80312, R80312-1, R80402, R80402-1
703-40	R80328, R80328-1, R80328-2
703-41	R80313, R80313-1, R80316, R80316-1, R80321, R80321-1, R80385

Holley Renew Kit	Holley Marine Carburetors (continued)
703-45	R80309, R80408
703-46	R80180
703-47	R50469, R50469-1, R80319-1, R80383, R80383-1, R80456-1
703-48	R80378, R80378-1
703-49	R80382, R80382-1, R80382-2, R80386, R80386-1
703-50	R80390
703-51	R82020, R82021, R82028, R82028-1, R82029
703-53	R50483, R50483-1, R84046, R84046-1
703-55	R80434
703-58	R80443
703-59	R84037
703-60	R84050
703-66	R80487
Holley Renew Kit	Carter Marine Carburetors
3-352	4695
3-358	6478
3-588	3213, 3214, 3392, 3543, 3980, 4476, 4699, 6130, 6212
3-592	2955, 3660, 6310
Holley Renew Kit	Rochester Marine Carburetors
3-466	7023080, 7023186, 7023188, 7023189, 7024080, 7024081, 7024187, 7024188
3-539	7020994, 7020996, 7024083, 7024087, 7024089, 7024180, 7024181, 7025183, 7025184, 7025638, 7025662
3-555	7023182, 7024088
3-670	7044187
703-39	17080560, 17080561, 17080563, 17080564, 17080565, 17084516, 17085013

Tech Line: 270-781-9741

FUEL SYSTEMS



10 PACK PARTS KITS

Introducing a new line of 10-pack parts kits! Holley has taken its most popular carburetor service and tuning parts and put them in convenient 10-pack kits. Ordering a Holley 10-pack kit is now the easy way to get the parts that you need to keep your Holley in perfect tune and your engine running at peak power. Whether you're running on the street or the track, Holley 10-pack kits are the hot set up.

PART NUMBER	DESCRIPTION
1005-369	Accelerator pump cover screw, 30cc
1005-370	Accelerator pump cover screw, 50cc
1005-567	Throttle body screws
1008-844	Accelerator pump discharge nozzle gasket
1035-342	Accelerator pump diaphragm, 30cc, rubber
1035-1074	Accelerator pump diaphragm, 50cc, rubber
1005-1244	Accelerator pump hollow nozzle screw
1008-1910-1	Fuel bowl gasket (same as 108-92-2)
1008-1911-1	Fuel bowl gasket (same as 108-83-2)
1008-1916	Fuel bowl gasket (same as 108-56-2)
1005-552	Fuel bowl screw (model 4150)
1005-645	Fuel bowl screw (model 4160)
1007-225	Fuel bowl sight plug
1008-540	Fuel bowl sight plug gasket
1022-40-50	#50 main metering jet
1022-40-51	#51 main metering jet
1022-40-52	#52 main metering jet
1022-40-53	#53 main metering jet
1022-40-54	#54 main metering jet
1022-40-55	#55 main metering jet
1022-40-56	#56 main metering jet
1022-40-57	#57 main metering jet
1022-40-58	#58 main metering jet
1022-40-59	#59 main metering jet
1022-40-60	#60 main metering jet
1022-40-61	#61 main metering jet
1022-40-62	#62 main metering jet
1022-40-63	#63 main metering jet
1022-40-64	#64 main metering jet
1022-40-65	#65 main metering jet
1022-40-66	#66 main metering jet
1022-40-67	#67 main metering jet
1022-40-68	#68 main metering jet
1022-40-69	#69 main metering jet
1022-40-70	#70 main metering jet
1022-40-71	#71 main metering jet
1022-40-72	#72 main metering jet
1022-40-73	#73 main metering jet

PART NUMBER	DESCRIPTION
1022-40-74	#74 main metering jet
1022-40-75	#75 main metering jet
1022-40-76	#76 main metering jet
1022-40-77	#77 main metering jet
1022-40-78	#78 main metering jet
1022-40-79	#79 main metering jet
1022-40-80	#80 main metering jet
1022-40-81	#81 main metering jet
1022-40-82	#82 main metering jet
1022-40-83	#83 main metering jet
1022-40-84	#84 main metering jet
1022-40-85	#85 main metering jet
1022-40-86	#86 main metering jet
1022-40-87	#87 main metering jet
1022-40-88	#88 main metering jet
1022-40-89	#89 main metering jet
1022-40-90	#90 main metering jet
1022-40-91	#91 main metering jet
1022-40-92	#92 main metering jet
1022-40-93	#93 main metering jet
1022-40-94	#94 main metering jet
1022-40-95	#95 main metering jet
1022-40-96	#96 main metering jet
1022-40-97	#97 main metering jet
1022-40-98	#98 main metering jet
1022-40-99	#99 main metering jet
1022-40-100	#100 main metering jet
1008-1899	Metering plate gasket (same as 108-27-2)
1008-1906	Metering block gasket (same as 108-28-2)
1008-1907-1	Metering block gasket (same as 108-89-2)
1008-1908-1	Metering block gasket (same as 108-90-2)
1008-1909-1	Metering block gasket (same as 108-91-2)
1008-1912	Metering block gasket (same as 108-34-2)
1008-1915	Metering block gasket (same as 108-55-2)

DOMINATOR CARBURETOR TUNING KITS

4500 DOMINATOR Carburetors

Part #

36-200^(B)

4500 DOMINATOR HP Carburetors

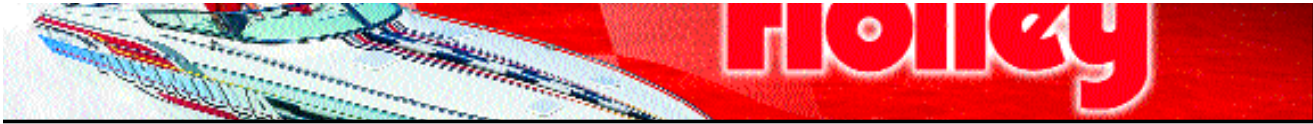
36-244^(B)

These kits contain an assortment of special tuning parts for either the old-style DOMINATOR or new-design DOMINATOR HP carburetors. Included are 1 EA. secondary linkage cams to allow conversion to 1:1, progressive or "soft" progressive ratios; 4 EA. standard and annular booster venturii (36-200 kit); 4 EA. standard and skirted annular booster venturi (36-244 kit); 2 EA. white and yellow pump cams; 12 EA. throttle plate screws; 8 EA. metering block and fuel bowl gaskets. These are all included in a handy and very durable plastic carrying case.

36

36-200

www.holley.com



CARBURETOR SMALL PARTS KITS



Hard-to-find parts are no longer "hard to find" with Holley parts kits. Available carburetor and electric fuel pump small parts kits now eliminate the problem of finding the correct components when rebuilding. The following kits are available:

Carburetor Small Parts Kit Part # 34-10

This kit consists of a selection of commonly used O-rings, E-rings, C-rings, check balls, washers, cotter pins and rod retainers.



Carburetor Small Gasket and Plug Kit Part # 36-117

This kit consists of various small gaskets, plugs and seals for transfer tubes, power valves, vacuum secondary housing, needle and seat hardware and pump discharge nozzles.



Carburetor Hardware Parts Kit Part # 36-118

This kit consists of carburetor hardware components such as throttle shaft



Performance Parts Center Part # 36-192

The Holley Performance Parts Center is a versatile retail display of the fastest moving Holley performance tuning and service parts. Included in the parts assortment are 59 of the most popular Holley part numbers for needle and seat assemblies, jets, power valves, brackets, floats, gaskets, chokes, diaphragms, pumps, cams, springs, etc. A colorful pegboard and header complete the display. What's more, the complete package is priced less than what the parts would cost if bought individually.

- CARBURETORS
- FUEL INJECTION
- FUEL PUMPS REBUILDING
- ENGINE MANIFOLDS
- SUPERCHARGERS
- FLAME ARRESTERS THROTTLE BODIES
- IGNITION SYSTEMS & COMPONENTS
- CAMSHAFTS
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CARBURETOR TUNING KITS



Tuning/Calibration Kit

Part # **36-182^(B)**

Double pump carburetors

This tuning kit contains a selection of main jets, pump nozzles and power valves, in popular sizes, all contained in a handy and durable, compartmentalized plastic case. Ideal for track-side tuning, this kit provides a quick and easy way to accomplish your carburetor tuning with the correct parts. In addition, the parts case allows you to keep parts organized and readily at hand. A handy parts guide is affixed to the inside case cover. Numbers referenced on the parts guide will assist in reordering components when necessary. Gaskets are included to facilitate carburetor reassembly.

THE FOLLOWING PARTS ARE INCLUDED:

QUANTITY	DESCRIPTION
4 each of	Eight (8) metering jet sizes ranging from #70 to #84
2	#35 Pump Nozzle
2	#37 Pump Nozzle
1	#35 Power Valve
1	#45 Power Valve
1	#50 Power Valve
12	Metering Block Gaskets
12	Fuel Bowl Gaskets
—	Miscellaneous pump nozzle, power valve and fuel bowl screw gaskets



Accelerator Pump Tuning Kit

Part # **36-184^(B)**

Holley 2-bbl and 4-bbl Performance Carburetors

This tuning kit is composed of a selection of accelerator pump hardware components including pump diaphragms, pump nozzles, pump cams and related parts. Contained in a convenient plastic parts case, this kit has all that is required to properly tune and calibrate the accelerator pump circuit(s) for your street, drag or circle track car or tow vehicle. A handy parts guide is affixed to the inside case cover to assist in reordering components when necessary.

THE FOLLOWING PARTS ARE INCLUDED:

QUANTITY	DESCRIPTION
2 each of .052	Twelve (12) pump discharge nozzle sizes ranging from .025 to .052
2 each of	Ten (10) accelerator pump cam profiles (colors)
5	50cc GFLT pump diaphragm
5	30cc GFLT pump diaphragm

Miscellaneous screws, gaskets, check valves and weights



Vacuum Cap Assortment

Part # **26-105**

A selection of different size vacuum tube caps. An indispensable addition to any professional tool kit.

(B) Not legal for sale or use in California on any pollution controlled motor vehicles.



HOLLEY CHEMICALS

Introducing the 60 second tune-up. No mechanic required.

Regardless of how well you maintain your vehicle, carbon and varnish accumulate on intake valves, manifold heat controls, PCV valves and other internal engine components. You can remove and clean or replace these components. You can pay a mechanic to do the work, or, you can let Holley's fuel system cleaners do the job while you drive around the block. The end result will be the same.

Pour 12 oz. of the Holley fuel system cleaner down your gas tank. In the first 60 seconds of driving, your fuel system can start realizing such benefits as improved acceleration, smoother idle and your engine may now be able to use a lower octane fuel.

Holley fuel system cleaners are professional strength products. The same products a mechanic uses to tune up your fuel system, less the cost of the mechanic. Pick some up today!

In-Tank Fuel System Cleaner

Part # **100-2**

Holley's liquid fuel system cleaner is a concentrated formulation for removing carbon and varnish buildup from intake valves, combustion chambers and internal engine parts. A single treatment can improve acceleration, restore power, smooth out rough idle, minimize stalling and lower engine fuel octane requirements. It can be used in all gasolines, gasohols and diesel fuels and will not damage catalytic converters or oxygen sensors.

Holley fuel system cleaner comes in a 12 oz. plastic bottle that has an internal foil seal and child-proof cap.

Carburetor and TBI Cleaner

Part # **100-1**

Holley's carburetor and throttle body injector (TBI) cleaner is a professional-strength product formulated to clean automatic chokes, carburetor linkage, fuel injection intake systems, manifold heat controls and PCV valves. It efficiently removes gums, varnishes and carbon deposits without harming catalytic converters or oxygen sensors.

Holley has been in the fuel system business for more than 100 years. Our products are "The Heart and Soul of Performance" on the street, on the strip with both NHRA and IHRA and in NASCAR Winston Cup racing. Nobody knows more about performance and fuel systems than Holley Performance Products.

Point-of-Purchase Holley Chemical Display Stand

Part # **36-242**

Point-of-Purchase Holley Chemical Display Stand with Product

Part # **36-243**



36-243

CARBURETORS	
FUEL INJECTION	
FUEL PUMPS REGULATORS	
INTAKE MANIFOLDS	
SUPERCARGERS	
FLAME ARRESTERS THROTTLE BODIES	
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AIR BLEEDS

Models 4150 and 4500 DOMINATOR HP

Replaceable air bleeds for the idle, intermediate and high speed circuits. All bleeds are #10-32 UNF thread. Note: the "-10" indicates a quantity of ten (10) bleeds per package.



126-55-10

Air Bleed Specifications

4150 HP and 4500 DOMINATOR HP Carburetors

AIR BLEED	DRILL SIZE	AIR BLEED	DRILL SIZE
126-23-10	.023	126-47-10	.047
126-24-10	.024	126-49-10	.049
126-25-10	.025	126-51-10	.051
126-26-10	.026	126-53-10	.053
126-27-10	.027	126-55-10	.055
126-28-10	.028	126-57-10	.057
126-29-10	.029	126-59-10	.059
126-30-10	.030	126-61-10	.061
126-31-10	.031	126-63-10	.063
126-32-10	.032	126-65-10	.065
126-33-10	.033	126-67-10	.067
126-34-10	.034	126-69-10	.069
126-35-10	.035	126-70-10	.070
126-36-10	.036	126-71-10	.071
126-37-10	.037	126-72-10	.072
126-38-10	.038	126-73-10	.073
126-39-10	.039	126-74-10	.074
126-40-10	.040	126-75-10	.075
126-41-10	.041	126-76-10	.076
126-43-10	.043	126-77-10	.077
126-45-10	.045	126-78-10	.078

CARBURETOR LIST NO.	IDLE BLEED	INTERMEDIATE BLEED	MAIN BLEED
R7320-1	53	N/A	28
R8082-2	71	N/A	37
R8896-1	53	63	40
R9375-1	53	63	34
R9377-1	40	61	28
R75010	40	61	33
R75011	49	61	28
R80186-1	73	N/A	36
R80340-1	71	N/A	34
R80496	72	N/A	32
R80498	55	N/A	30
R80507	73	N/A	OPEN CHANNEL
R80509	72	N/A	32
R80511	73	N/A	33
R80513	75	N/A	25
R80514	73	N/A	32
R80528-1	75	N/A	36
R80529-1	72	N/A	32
R80532	51	61	28
R80533	53	65	36
R80535-1	61	N/A	31
R80540	74	N/A	45
R80541	72	N/A	45
R80542	59	N/A	33
R80556	51	59	31

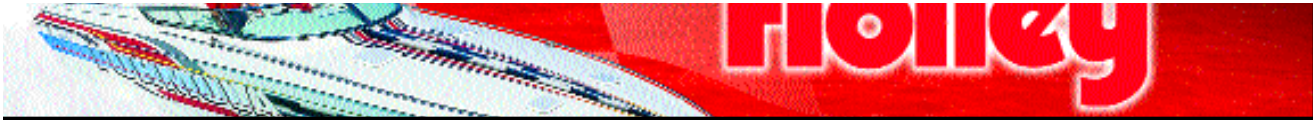


Air Bleed Assortment Kit

Part # **36-240^(B)**

4500 DOMINATOR HP and 4150 HP Carburetors

This air bleed kit is a must when track-tuning a 4500 DOMINATOR HP carburetor for maximum performance. The kit includes four (4) of each air bleed size from #20 to #79. All bleeds are #10-32 UNF thread. Air bleeds are contained in a plastic case that is designed to keep them separated and make them easily accessible.



CARBURETOR JETS



Emulsion Jets

P/N	Hole Size
142-00	.000"
142-20	.020"
142-21	.021"
142-22	.0225"
142-24	.024"
142-25	.025"
142-26	.026"
142-28	.028"
142-29	.0292"
142-31	.031"
142-32	.032"
142-33	.033"
142-35	.035"
142-36	.036"
142-37	.037"
142-38	.038"
142-39	.039"
142-40	.040"
142-41	.041"
142-42	.042"
142-43	.043"
142-46	.0465"
142-52	.052"
142-55	.055"
142-59	.0595"
142-62	.0625"
142-64	.0635"
142-67	.067"
142-70	.070"
142-73	.073"
142-76	.076"
142-78	.078"

Standard Main Jets

P/N	Hole Size	P/N	Hole Size
122-40	.040"	122-77	.086"
122-41	.041"	122-78	.089"
122-42	.042"	122-79	.091"
122-43	.043"	122-80	.093"
122-44	.044"	122-81	.093"
122-45	.045"	122-82	.093"
122-46	.0465"	122-83	.094"
122-47	.047"	122-84	.099"
122-48	.048"	122-85	.100"
122-49	.048"	122-86	.101"
122-50	.049"	122-87	.103"
122-51	.050"	122-88	.104"
122-52	.052"	122-89	.104"
122-53	.052"	122-90	.104"
122-54	.053"	122-91	.105"
122-55	.054"	122-92	.105"
122-56	.055"	122-93	.105"
122-57	.056"	122-94	.108"
122-58	.057"	122-95	.118"
122-59	.058"	122-96	.118"
122-60	.060"	122-97	.125"
122-61	.060"	122-98	.125"
122-62	.061"	122-99	.125"
122-63	.062"	122-100	.1285"
122-64	.064"	122-101	.1260"
122-65	.065"	122-102	.1280"
122-66	.066"	122-103	.1300"
122-67	.068"	122-104	.1340"
122-68	.069"	122-105	.1370"
122-69	.070"	122-106	.1410"
122-70	.073"	122-107	.1450"
122-71	.076"	122-108	.1470"
122-72	.079"	122-109	.1500"
122-73	.079"	122-110	.1560"
122-74	.081"		
122-75	.082"		
122-76	.084"		

NEW

TrackFlow Jets

P/N	c.c. flow/ minute
132-70	448
132-71	470
132-72	492
132-73	517
132-74	542
132-75	566
132-76	587
132-77	615
132-78	645
132-79	677
132-80	703
132-81	731
132-82	765
132-83	795
132-84	824
132-85	858
132-86	890
132-87	923
132-88	952
132-89	987
132-90	1014
132-91	1080
132-92	1150
132-93	1205
132-94	1260
132-95	1320
132-96	1375
132-97	1440
132-98	1500
132-99	1570
132-100	1640

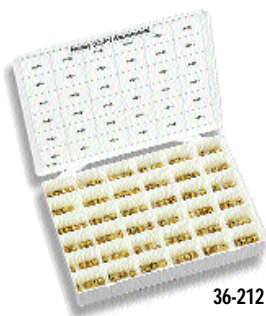
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CLOSE LIMIT JETS

Holley close limit jet numbering follows that of the standard jets, except that a third number is added. For example, a jet stamped with part number "632" indicates that this is a #63 jet. The third number (in this instance "2") is added to indicate whether the jet flows on the lean side (631), the middle (632) or rich side (633) of the flow band. There is about a 1.5% difference in flow between each of the three jets in a flow band, for a flow range difference of 4.5%. There are two (2) jets per package. The following sizes are available:

JET NO.	JET NO.	JET NO.
122-602	122-652	122-702
122-612	122-662	122-712
122-622	122-672	122-722
122-632	122-682	122-732
122-642	122-692	122-742



36-212

CLOSE LIMIT JET KITS

Part #

(Jet sizes 122-651 to 122-763)

36-211^(B)

(Jet sizes 122-771 to 122-883)

36-212^(B)

(Jet sizes 122-891 to 122-1003)

36-213^(B)

There's a total of 144 jets (12 main sizes) in these kits. The 12 principle sizes are as indicated after the kit part numbers. For every principle size you get 4 jets each in the lean, middle and rich side of the jet's flow band.



Jet Assortment Kit

Part # **36-181^(B)**

Holley 2-bbl and 4-bbl Performance Carburetors

The Holley jet assortment kit is the professional way to track-tune your Holley carburetor for top performance. This kit consists of two (2) each of thirty-six (36) different jet sizes, ranging from #64 to #99. The jets are contained in a plastic case that is designed to keep them separated and make them easily accessible. Jet sizes selected will give the broadest range of adjustment and tuning for most performance carburetor applications.



Jet Holder Kit

Part # **20-111**

The handy way to keep your jets organized. The Holley Jet Holder contains twenty (20) individual compartments that can hold two (2) jets. Therefore twenty (20) different jet sizes can be conveniently held for immediate access. The rotating top prevents spillage and the clear plastic allows for easy viewing.

(B) Not legal for sale or use in California on any pollution controlled motor vehicles.



ADJUST-A-JETS



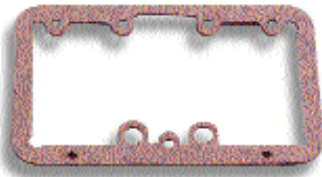
55001



55008



55009



55010

This unique kit is designed to allow one to adjust the main jet metering of a carburetor without having to remove the fuel bowl(s) to access the main jets. The carburetor can now be calibrated on the motor saving time and avoiding fuel spills.

This is accomplished simply by turning the metering needle that is part of the Adjust-A-Jet metering plate. The metering plate is installed between the carburetor's fuel bowl and original metering block. The needle is completely adjustable and metering changes are easily accomplished once the embossed calibration markings on the needle are noted and referenced. Each of these markings designate 1/8th of a turn. By referring to a handy metering correlation chart included as part of the kit, one can accurately richen or lean the carburetor's main metering calibration. The carburetor can be tuned even when the engine is running. See the chart below for the range of adjustability that's possible with these kits.

Adjust-A-Jet can be used on any kind of vehicle. It does not affect the carburetor in any other way, so everything that you've ever learned about a Holley carburetor still applies. Adjust-A-Jet, CNC machined from 6061 T-6 aluminum, can even be used with a power valve plug installed in the carburetor's metering block.

Adjust-A-Jet Kits

	Part #
Holley carburetor models 2300, 4150 & 4160	55001HOL
DOMINATOR carburetors running gasoline (contains one (1) Adjust-A-Jet plate)	55002HOL
Holley model 4150 carburetor Drag race (alcohol)	55003HOL
Holley model 4150 carburetor – primary side Race (gas)	55004HOL
Holley model 4150 carburetor – secondary side Race (gas)	55005HOL
Holley model 4150 carburetor – primary side Race (alcohol)	55006HOL
Holley model 4150 carburetor – secondary side Race (alcohol)	55007HOL
4500 DOMINATOR HP	55011HOL
4150 HP (gas)	55012HOL

Adjust-A-Jet Kit Accessories

	Part #
Transfer tube – model 4160 carburetor (includes seal)	55008HOL
Main metering jet extensions (pair) (use of "notched" float is not required)	55009HOL
Replacement reusable gaskets (pair)	55010HOL

60 = 1	70 = 2-1/8	78 = 3-5/8	86 = 5-5/8	94 = 9
62 = 1-1/8	71 = 2-1/4	79 = 3-3/4	87 = 5-3/4	95 = 9-1/2
64 = 1-1/4	72 = 2-3/8	80 = 4	88 = 6	96 = 10-1/2
65 = 1-1/2	73 = 2-1/2	81 = 4-1/2	89 = 6-1/2	97 = 11-1/2
66 = 1-5/8	74 = 2-5/8	82 = 4-3/4	90 = 7	98 = 12
67 = 1-3/4	75 = 2-3/4	83 = 5	91 = 7-1/2	99 = 13
68 = 1-7/8	76 = 3	84 = 5-1/4	92 = 8	
69 = 2	77 = 3-1/2	85 = 5-1/2	93 = 8-1/2	

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Idle Mixture Screw

Part #

Accessible, large head style

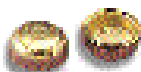
26-101



Idle Mixture Screw Gasket

Replacement cork gasket (Pkg. 10)

26-110-10



Metering Block Plugs

Main well plugs (Pkg. 10)

26-111-10



Main Jet Extensions

An improved jet extension design that actually screws into the metering block. The main metering jet then threads into the end of the extension. The installation effectively moves the fuel entry point for the main jet out into the fuel bowl. In this location it cannot be uncovered by fuel, causing a lean condition, during periods of hard acceleration or braking. 2/Pkg.

122-5000

WARNING: Requires the use of special "notched" floats to achieve proper clearance and enable the float to operate normally.



METERING BLOCKS

Model 4160 to 4150 Conversion Kits

NOTE: Illustrated is a typical kit. Fuel bowls are not included and the metering block has no provision for a power valve. Both a "shiny finish" and a "standard finish" are available as denoted below.

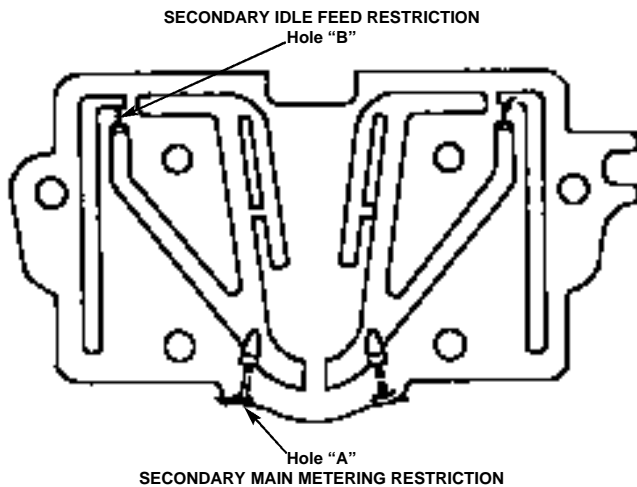
PART #	FINISH	APPLICATION
34-6	standard	0-1850 or most any model 4160 with side hung float bowls
34-6S	shiny	0-1850S & 0-80457S
34-13	standard	0-3310 or most any model 4160 with center hung float bowls
34-13S	shiny	0-3310S & 0-80508S

34-6

METERING PLATES

Many Holley performance carburetors use a secondary metering plate, with drilled restrictions, rather than a secondary metering block, with removeable jets. When recalibrating the secondary side on such a carburetor a change of the secondary metering plate is required.

The picture, below, shows a typical secondary metering plate. Noted are the secondary idle feeds (Hole "B") and the secondary main metering restrictions (Hole "A"). These, in turn, relate to the chart with which the metering plate specifications can be determined.



Holley Secondary Metering Plates

MAIN HOLE "A"	IDLE HOLE "B"	HOLLEY P/N	PART STAMPED
.052	.029	34R9716-34	34
.055	.026	34R9716-3	3
.059	.029	34R9716-32	32
.067	.026	134-8	8
.067	.031	134-9	9
.070	.026	34R9716-6	6
.073	.029	134-39	39
.073	.031	134-37	37
.076	.028	34R9716-22	22
.076	.031	34R9716-12	12
.076	.035	34R5113-3	3
.081	.040	134-21	21
.089	.040	34R9716-27	27
.096	.040	34R9716-45	45

Metering-Plate-to-Main-Jet Correlation Chart

The chart below can be used as a guide when correlating main metering jet part numbers to secondary metering plates. This is necessary when converting the secondary metering plate to a metering block, with replaceable jets, as with the conversion kits listed above.

SECONDARY METERING PLATE PART #	EQUIVALENT MAIN JET PART #
134-8	122-64
134-9	122-64
134-21	122-75
134-37	122-69
134-39	122-69
34R5113-3	122-65
34R9716-3	122-56
34R9716-6	122-69
34R9716-12	122-73
34R9716-22	122-65
34R9716-27	122-79
34R9716-32	122-59
34R9716-34	122-53
34R9716-45	122-79
34R9716-54	122-75

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VENTURII BOOSTER KITS – DOMINATOR Carburetors



34-32



34-9

Booster Kits

Part #

Short-style booster. Includes 4 boosters and 4 retaining pins.

34-32

Annular-style booster. Includes 4 boosters and retaining pins.

34-9

Annular/skirt-style booster for HP-style DOMINATOR.
Includes 4 boosters and 4 retaining pins.

34-36

Annular-style booster for HP-style DOMINATOR.
Includes 4 boosters and 4 retaining pins.

34-34



34-34



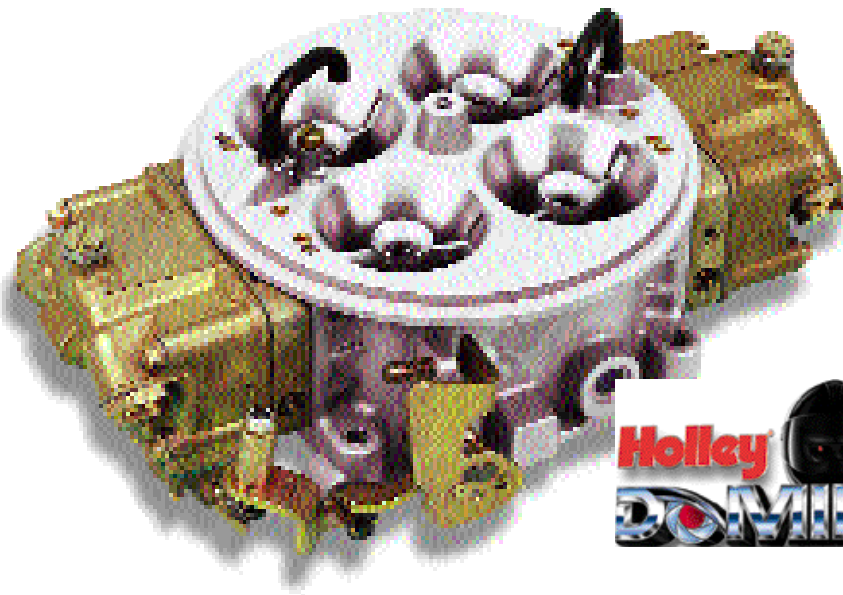
20-110-10

Booster Pins

Part #

Booster pins. 10/pkg.

20-110-10





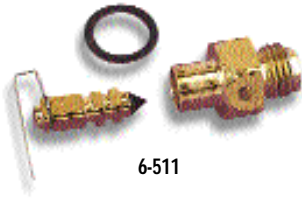
NEEDLE & SEAT ASSEMBLIES



6-506

Holley offers a number of needle and seat assemblies for its carburetors. The configuration of the needle and seat assembly and its seat size depend on carburetor application, CFM size and type of fuel bowl used. Operation is simple. Needle movement is controlled by a metal tang on the float arm. Upward movement of the float causes the needle to close the seat; downward float movement causes the needle to open the seat. Seat size determines how much fuel can flow at a certain pressure. A bigger seat size will flow more fuel; a smaller seat size will flow less fuel at a given pressure.

"Viton" Inlet Needles



6-511

Most Holley performance carburetors come equipped with a Viton-tipped needle. The Viton needle design is resistant to dirt and conforms nicely to the shape of the seat for superior sealing. **For this reason it is not recommended to use a steel or titanium needle, except for racing.**



6-513

SEAT SIZE	TYPE*	PART#
.097"	Adjustable	6-506
.097"	Adjustable	6-508
.097"	Adjustable	6-517
.110"	Adjustable	6-504
.120"	Adjustable	6-518-2
.101"	Adjustable	6-520
.0785"	Non-Adjustable	6-511
.110"	Non-Adjustable	6-510
.097"	Off-Road	6-513

"Steel" Inlet Needles

"Steel-tipped" inlet needles are necessary when using exotic racing fuels or alcohol or when using benzine or acetone additives. A .097" seat size should be used for small four barrel carburetors; a .110" seat size should be used for carburetors up to 735 CFM; larger seat sizes should be used with carburetors 750 CFM and larger. The following steel inlet needle and seat assemblies are available from Holley.

SEAT SIZE	TYPE*	PART#
.097"	Adjustable	6-501-2
.110"	Adjustable	6-500-2
.120"	Adjustable	6-502-2
.130"	Adjustable	6-515-2
.150"	Adjustable	6-519-2

* "Type" refers to the needle and seat design. The "adjustable" needle and seat design allows external float adjustment, without removing the fuel bowl. The "non-adjustable" needle and seat design does not provide for external float adjustment. The fuel bowl must be removed for this procedure. All Holley model 2010, 2300, 4010, 4011, 4150, 4160, 4165, 4175 and 4500 DOMINATOR carburetors will take either one version or the other. Center hung fuel bowls use only the "adjustable" style needle and seat, as do all model 2010, 4010, 4011 and 4500 DOMINATOR carburetors. Side hung fuel bowls have come in a variety of styles over the years and have used both the "adjustable" and "non-adjustable" styles needle and seats.



34-7

Adjustable Needle and Seat Hardware Kit Part

This Kit contains: **34-7**
 1 EA Adjusting nut with gasket
 1 EA Locking screw with gasket
 1 EA O-ring

- CARBURETORS
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THE TRUTH ABOUT THE POWER VALVE

The power valve is a key component of the power enrichment system of Holley performance carburetors. The power enrichment system supplies additional fuel to the main system during heavy load or full power situations. Holley utilizes a vacuum operated power enrichment system and a selection of power valves is available to "time" this system's operation to your specific requirements.

Each Holley power valve is stamped with a number to indicate its vacuum opening point. For example, the number "65" indicates that the power valve will open when the engine vacuum drops to 6.5" Hg, or below.

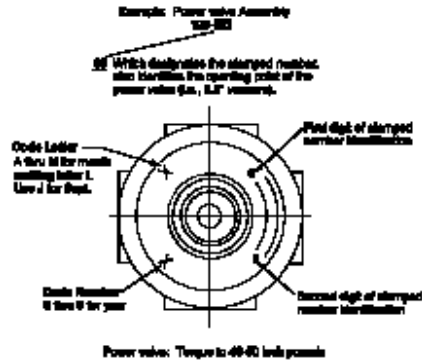
An accurate vacuum gauge, such as Holley P/N 26-501, should be used when determining the correct power valve to use.

A competition or race engine which has installed a long duration, high overlap cam will have low manifold vacuum at idle speeds. If the vehicle has a manual transmission, take the vacuum reading with the engine thoroughly warmed up and at idle. If the vehicle is equipped with an automatic transmission, take the vacuum reading with the engine thoroughly warmed up and idling in gear. In either case, the power valve selected should have a vacuum opening point about 2" Hg below the intake manifold vacuum reading taken.

A stock engine, or one that is only mildly built for street use, will have high manifold vacuum (17" to 21" Hg) at idle speeds. To determine the correct power valve, the vehicle should be driven at various steady speeds and vacuum readings taken. The power valve selected should have an opening point about 2" Hg below the lowest steady speed engine vacuum observed. Holley has a 6.5" Hg power valve, P/N 125-65, which usually works out well for most driving situations.

Since 1992, many of the new Holley performance carburetors incorporate "power valve blow-out protection". With this provision, the power valve diaphragm is protected from damage due to engine backfire, by a check valve that is located in the throttle body. This check valve is designed to be normally open but quickly seals to close off the internal vacuum passage if a backfire occurs. Once closed, the check valve interrupts the pressure wave generated by the backfire, thus protecting the power valve diaphragm.

POWER VALVE IDENTIFICATION



Cut-away of power valve blow-out protection.

