



ACCELERATOR PUMP PARTS

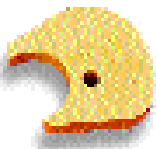


Accelerator Pump Cam

"White" pump cam for model 4500 DOMINATOR carburetors. Profile design gives a quick, early shot of fuel but it does not empty the pump.

Part #

20-80



Accelerator Pump Cam

"Yellow" pump cam for model 4500 DOMINATOR carburetors. Profile design delivers an early fuel shot and continues until the pump empties.

Part #

20-81



Accelerator Pump Cam Assortment Kit

Another great tuning kit from Holley. This one will allow you to "tailor" accelerator pump performance to the engine's actual requirements. Each cam has a different shape or profile to give different results. Cam "lift" directly affects the accelerator pump stroke and, therefore, pump capacity. Ramp profile or shape controls the "timing" of the shot. A steeply-rising ramp shape will give a fast, heavy fuel shot right off idle. Conversely, a gently sloping ramp will spread the pump action over a longer period of time.

Part #

20-12



Accelerator Pump Conversion Kit - 50cc Models 2300, 4150 and 4160

Instantaneous response! Pull strongly throughout the RPM band! A "must" for tunnel ram setups! This kit is for those who demand ultimate performance from their Holley carburetor(s). The Holley 50cc accelerator pump will substantially increase fuel capacity over the standard 30cc pump system. Eliminates flat spots off idle or at any other RPM range. This kit includes everything required for easy installation including new pump housing, arm, diaphragm, spring and longer pump housing screws.

Part #

20-11

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FUEL SYSTEMS

Accelerator

Pump

	Part #
Transfer Tube	26-23
Transfer Tube O-Ring	26-38



26-23



26-38



26-41

Accelerator

Pump Spring

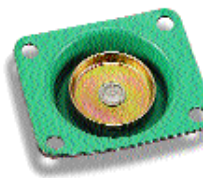
	Part #
30cc	20-108-10
50cc	20-109-10



135-5



135-7



135-9

"Umbrella" Check Valve

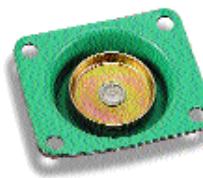
Part #
26-41



135-5



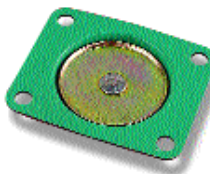
135-7



135-9

Diaphragms

	Part #
30cc (rubber) w/o screws	135-5
30cc (rubber) w/ screws	135-12
30cc (GFLT)* w/o screws	135-10
30cc (GFLT)* w/ screws	135-13
50cc (rubber) w/o screws	135-7
50cc (rubber) w/ screws	135-14
50cc (GFLT)* w/o screws	135-9
50cc (GFLT)* w/ screws	135-15



135-10



20-108-10



20-109-10

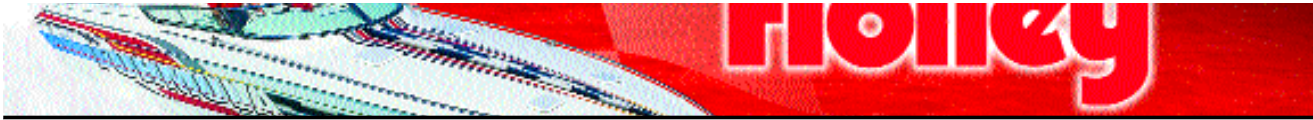
*GFLT Diaphragms are compatible for use with all alcohol base fuels.

Pump arm

	Part #
Models 2300, 4150, 4160 (plastic)	20-78
30cc pump arm (metal)	20-114



20-78



ACCELERATOR PUMP DISCHARGE NOZZLES

A good selection of accelerator pump discharge nozzle sizes is indispensable to the proper tuning of the accelerator pump system. The nozzle hole size determines the rate of fuel discharge. A larger hole will "shoot" the fuel at a faster rate, and with less pressure, than a smaller hole. Sizes are stamped on each nozzle. For example, the number "31" indicates that the nozzle hole size is .031". Various styles of nozzles are offered by Holley, including the following:

NOTE: Nozzle sizes .040" and larger include a hollow nozzle screw.

Straight Type (includes 2 gaskets) Used on Models 4150, 4160 and 4500

PART #	HOLE SIZE
121-118	.018
121-121	.021
121-125	.025
121-128	.028
121-131	.031
121-132	.032
121-135	.035
121-137	.037
121-140	.040
121-142	.042
121-145	.045
121-147	.047
121-150	.050



Anti-Pullover Style (includes 2 gaskets) Originally used on Models 4165 and 4175

It can be used on other models as well. This style was designed to combat the condition that's sometimes called "pump pull-over". That is, as the stream of air rushes past the pump discharge nozzle it has the tendency to "pull" the fuel from the nozzle. The following anti-pullover styles are available:

PART #	HOLE SIZE
121-225	.025
121-228	.028
121-231	.031
121-237	.037
121-240	.040



Tube Type (includes 2 gaskets) Used on Models 4150, 4160 and 4500

PART #	HOLE SIZE
121-25	.025
121-28	.028
121-31	.031
121-35	.035
121-37	.037
121-40	.040
121-42	.042
121-45	.045



Accelerator Pump Tuning Kit Part # 36-184^(B)

Contains a selection of accelerator pump hardware components including pump diaphragms, pump nozzles, pump cams and related parts. For Holley 2-bbl and 4-bbl performance carburetors. See "Kits and Assortments" page in this section for details.



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Tech Line: 270-781-9741



ADAPTERS AND SPACERS

There's been a lot of questions and misconceptions about when to use carburetor/manifold spacers and what benefits can be gained from using them. First of all installing a 1" or 2" open spacer will increase the size of the manifold plenum. The advantage here, especially if carburetor size is restricted by racing class or for some other reason, is that the engine will make power as if a larger carburetor was installed. The reason is simple – there's a larger reservoir of air/fuel mixture available for the cylinders to draw from. Also, there's a beneficial by-product in that the pulses generated when the intake valves open are somewhat dampened. Furthermore, it may be necessary to increase jetting by one or two sizes being that the vacuum signal at the boosters is marginally diminished because of the carburetor's more remote location. The same goes for the accelerator pump shot – more may be required to maintain a crisp response.



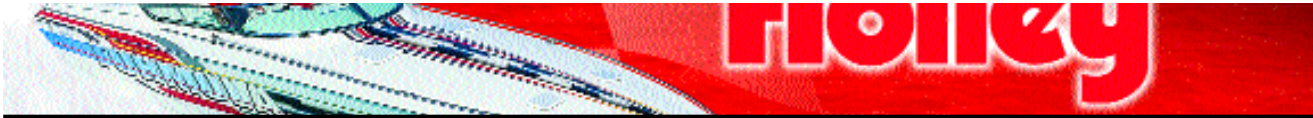
On a single plane manifold, especially when using a carburetor that's somewhat small for the engine, the use of an open spacer will have the effect of slowing down the high velocity of the air/fuel mixture. This should enable a denser and less turbulent mixture to flow through the manifold.



On a dual plane manifold, the use of an open spacer can increase top-end horsepower by making it work like a single plane manifold. This is because the two halves of the dual plane manifold are now drawing their air/fuel mixture from a common source. They are, in effect, no longer isolated from each other. This set up may be beneficial on the drag strip where increased top end power is desirable.



The results from using a four-hole spacer are not quite as predictable. It can be generally said that this spacer design can improve low- and mid-range torque and, on some engine combinations, may show substantial improvements. However, on other engine combinations it may have the opposite effect because air/fuel atomization and distribution may be adversely affected. Many times the only way to find out is to try it.



ADAPTERS/ SPACERS

Part#

17-43



2300 flange to large Rochester 2GC

Cast aluminum
Open

17-43

2300 flange to square bore flange

Cast aluminum
This adapter has slotted holes to permit "fine tuning" carburetor position on manifold. This adapter necks down from 1-3/4" to 1-1/4" to facilitate use in certain "restrictor class" circle track competition. Adapter can be bored out to match carburetor throttle bore for other applications.

7467



7467

Spread bore to square bore

Cast aluminum
5/8" thick
This adapter will allow any spread bore carburetor to be mounted on manifolds designed originally for 4150 or 4160 carburetors. **WARNING:** Do not use on manifold with "angle-mounted" carburetor.

For photo,
see p.24

7461

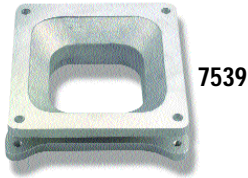
17-6



Square flange to spread bore

Cast aluminum
This adapter will allow any 4150 or 4160 carburetor to be mounted on manifolds designed originally for Rochester Quadra-Jet or Carter Thermo-Quad carburetors. It can also be used in reverse.

17-6



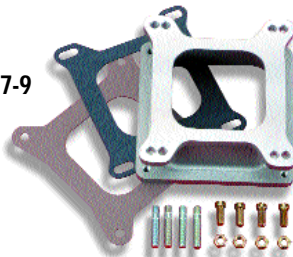
7539

Square flange to DOMINATOR

Cast aluminum
2" height
This adapter will allow any 4150 or 4160 carburetor to be mounted on a manifold designed originally for a DOMINATOR carburetor.

7539

17-9



DOMINATOR to square bore

Cast aluminum
2-1/4" height
2" height
These adapters allow a DOMINATOR carburetor to be mounted on a manifold designed originally for a 4150 or 4160 carburetor.

17-9

7466

CARBURETORS

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ADAPTERS/SPACERS - (cont'd)

Part#



108-37

Spread Bore
Phenolic
5/8" height

108-37

2300 flange
Phenolic
1-11/16" bores
1/2" height

17-71

1" height

17-72



17-63

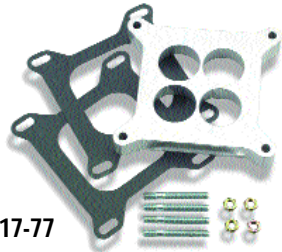
Square flange
Phenolic
1-9/16" bores

1/2" height

17-59

1" height

17-63



17-77

Phenolic
1-11/16" bores
1/2" height

17-60

1" height

17-64

Aluminum
1-11/16" bores
1" height

17-75



17-78

Aluminum
1-11/16" radius taper bores
1" height

17-77

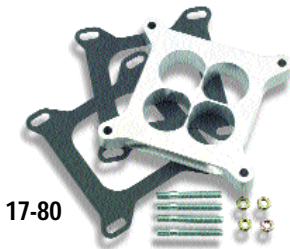


Phenolic
1-3/4" bores
1/2" height

17-61

1" height

17-65



17-80

Aluminum
1-3/4" bores
1" height

17-78



Aluminum
1-3/4" radius taper bores
1" height

17-80





ADAPTERS/SPACERS - (cont'd)

Part#



DOMINATOR flange

Billet aluminum
4-hole

1" height

17-73

Cast aluminum
4-hole

7° tapered bore

17-57

Billet aluminum
Open

1" height

17-74

Phenolic
Open

1/2" height

17-69

1" height

17-70

PLENUM DIVIDER KITS

Part#



Spread bore flange

7461

Cast aluminum
5/8" height

Allows the use of a plenum divider on an open plenum manifold. Supplied with divider plate. **WARNING:** Do not use on manifold with "angle-mounted" carburetor.

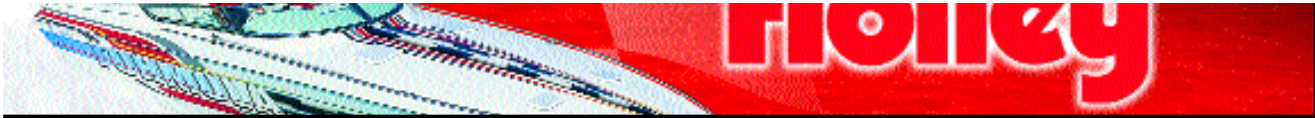
Square bore flange

7460

Cast aluminum
5/8" height

Allows the use of a plenum divider on an open plenum manifold. Supplied with divider plate.

WARNING: Do not use on manifold with "angle-mounted" carburetor.



ADAPTERS/SPACERS - (cont'd)

SEALING PLATE

Part#



Square bore to spread bore flange

9006

1/16" height

Allows a square bore carburetor to mount directly to a spread bore manifold with dual bolt pattern and seal properly.

WEDGE PLATES

Part#



717-4

Spread bore flange

717-4

Cast aluminum
12° wedge
Allows carburetor to sit level on tilted engine installations.
Includes gaskets, studs and nuts.



717-1

Square bore flange

717-1

Cast aluminum
7° wedge
Allows carburetor to sit level on tilted engine installations.
Includes gaskets, studs and nuts.



717-2

Square bore flange

717-2

Cast aluminum
12° wedge
Allows carburetor to sit level on tilted engine installations.
Includes gaskets, studs and nuts.

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717-5

Bracket – Throttle Cable

Part #

Designed for Holley square bore carburetors. This throttle bracket kit allows for simple hook-up of the throttle cable from the helm and comes complete with gaskets, studs and nuts.

717-5



717-6

Bracket – Throttle Cable

Part #

Designed for Holley spread bore carburetors. This throttle bracket kit allows for simple hook-up of the throttle cable from the helm and comes complete with gaskets, studs and nuts.

717-6



717-8

Bracket – Throttle Cable

Part #

Designed for Holley model 4500 DOMINATOR HP carburetors. This throttle bracket kit allows for simple hook-up of the throttle cable from the helm and comes complete with gaskets, studs and nuts.

717-8

Choke Thermostat – Electric

Part #

Replacement electric thermostat for Holley marine carburetors with integral electric chokes.

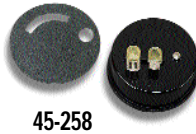
45-258

Choke Kits – Electric

Part #

This electric choke conversion kit is designed for carburetors with an "internal vacuum source".

745-223



45-258

Choke Kits – Electric

Part #

This electric choke conversion kit is designed for carburetors with an "external vacuum source".

745-224

MerCruiser Linkage Kit

Part #

Use this kit to facilitate installation and hook-up of a Holley marine carburetor when using one of the Holley throttle bracket kits listed above.

717-7



745-224

MerCruiser Throttle Cable Adaptor

Part #

Stainless steel construction

717-11



717-7

717-11



26-73

Fuel Inlet Fitting Part #

For Center Hung Fuel Bowl Carburetors such as 3310, Double Pumpers, and DOMINATORS	SIZE	26-73
	7/8-20 to -6AN	26-74
For Side Hung Fuel Bowl Carburetors such as 1850 and 80457	7/8-20 to -8AN	26-75



26-77

Adapter Fitting Part #

Holley Adapter Fittings are used to help plumb your carburetor from your fuel pump, regulator, or fuel log.	SIZE	26-77
	3/8NPTto -6AN Straight	



26-76

Fuel Inlet Plug Part #

Aluminum anodized	SIZE	26-76
	7/8-20	26-18-2
Steel	7/8-20	



26-18-2

Inverted Flare Fittings Part #

Inverted Flare Fitting, Tube: 3/8", Thread: 7/8-20 (A) x 5/8-18 (B)	26-26
Inverted Flare Fitting, Tube: 5/16", Thread: 7/8-20 (A) x 1/2-20 (B)	26-27
Inverted Flare Fitting, Tube: 5/16", Thread: 9/16-24 (A) x 1/2-20 (B)	26-71
Inverted Flare Fitting, Tube: 5/16", Thread: 7/16-20 (A) x 1/2-20 (B)	26-86
Inverted Flare Fitting, Tube: 1/4", Thread: 7/8-20 (A) x 7/16-24 (B)	26-28



26-26

Standard Fittings Part #

Standard Fitting, Tube: 3/8", Thread: 9/16-24 (A) x 5/8-18 (B)	26-43
Standard Fitting, Tube: 5/16", Thread: 9/16-24 (A) x 1/2-20 (B)	26-42
Standard Fitting, Hose: 3/8", Thread: 9/16-24 (A)	26-29
Standard Fitting, Hose: 5/16", Thread: 9/16-24 (A)	26-24
Swivel Fitting, Hose: 5/16", Thread: 9/16-24	26-25
Standard Fitting (90°), Hose: 5/16", Thread: 1/2-20	26-44



26-102

Fittings for Fuel Pressure Gauges Part #

Fuel Pressure Gauge Fitting, Type: Inverted flare, Thread: 7/8-20 x 1/4 Pipe	26-30
Fuel Pressure Gauge Fitting, 90° male elbow	26-69

Fuel Line Fitting Part #

Fuel Line Adapter, Connect a 3/8" fuel line to a 5/16" fuel line	26-70
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Fitting Gaskets Part #

Fuel Bowl Inlet Fitting Gasket, Size: 9/16"	108-1
Fuel Bowl Inlet Fitting Gasket, Size: 7/8"	108-8
Fuel Bowl Inlet Fitting Gasket — Nylon	26-102

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FUEL SYSTEMS



STAINLESS STEEL FUEL LOGS

Part #

726-3



1/2" to -8 Mechanical Pump to Single -8 Carburetor
1/2" male NPT for the mechanical fuel pump
1/8" female NPT for pressure gauge
(2) -8AN fittings to the carburetor

726-3



726-4

1/4" to -6 Mech Pump to Single -6 Carburetor
1/4" male NPT for the mechanical fuel pump
1/8" female NPT for pressure gauge
3/8" female NPT for electric fuel pump
(2) -6AN fittings to the carburetor

726-4



726-5

3/8" to -6 Factory Mech Pump to Single -6 Carburetor
3/8" male NPT for the mechanical fuel pump
1/8" female NPT for pressure gauge
-8AN for electric fuel pump
(2) -6AN fittings to the carburetor

726-5



726-6

1/2" to -6 Mechanical Pump to Single -6 Carburetor
1/2" male NPT for the mechanical fuel pump
1/8" female NPT for pressure gauge
-8AN for electric fuel pump
(2) -6AN fittings to the carburetor

726-6



726-7

1/2" to Two Holley Regulators and Dual Carburetors
1/2" male NPT for the mechanical fuel pump
-8AN for electric fuel pump
(2) 3/8" male NPT for the regulators

726-7

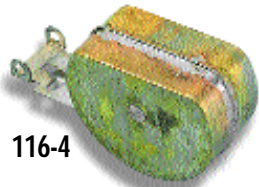


FLOAT KITS

Floats for Holley 2-bbl and 4-bbl performance carburetors come in two basic designs: side hung and center hung. A "side hung float" is so-called because the float arm is attached to the side of the float and it's hung or pivoted from the side of the float bowl. A "center hung float" has its float arm attached to the float center and it's hung or pivoted from the center of the float bowl.

The float material used in any particular carburetor is very often dependent on the carburetor usage. For example, carburetors designed to run on alcohol must use a brass float; carburetors set up for "blow-through" forced induction systems need to use nitrophenyl floats; carburetors used on a "draw-through" forced induction system could use either a brass or a nitrophenyl float. Today, Holley float designs are manufactured in only brass or nitrophenyl, and they are interchangeable.

Most Holley performance carburetors have externally-adjustable floats. This feature greatly facilitates one's ability to help keep the carburetor in perfect tune.



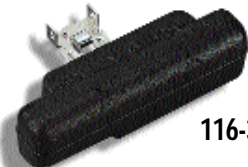
116-4

Side Hung Float

Part #

MATERIAL

Nitrophenyl **116-1**
Brass **116-4**



116-3

Center Hung Float

Part #

MATERIAL

Brass **116-2**
Nitrophenyl **116-3**

Float Hanger Hardware Kit

Part #

Includes fuel bowl hardware for float installation

20-105



20-105

Notched Float Kits

Part #

A notched float is an absolute necessity when using main jet extensions! This factory, center hung nitrophenyl float is designed with "notches" to clear main jet extensions. This allows the float to operate normally without the possibility of interference from the extensions.

Notched float with two main jet extensions

116-10

Notched float without main jet extensions

116-11



116-10

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FUEL BOWLS

Part #



34R10935AQ

Used on Holley model 2300 two-barrel carburetors. This is a side-hung float design that accepts only the non-adjustable-style needle and seat assembly. The fuel inlet fitting is located off the side wall of the bowl. (front inlet)

34R10935AQ



34R10918AQ

Used on some Holley model 4160 carburetors. This primary bowl is a side-hung float design, with transfer tube provision, that accepts only the non-adjustable-style needle and seat assembly. The fuel inlet fitting is located off the side wall of the bowl. (front inlet)

34R10918AQ



34R7800-3AMQ

Used on some Holley model 4160 carburetors. This primary bowl is a side-hung float design, with transfer tube provision, that accepts only the non-adjustable-style needle and seat assembly. The fuel inlet fitting is located off the side wall of the bowl. (side inlet)

34R7800-3AMQ



34R5972AQ

Used on Holley model 4160 carburetors. This secondary bowl is a side-hung float design, with transfer tube provision, that accepts only the non-adjustable-style needle and seat assembly.

34R5972AQ

Used on Holley model 4160 carburetors. This primary bowl is a side-hung float design, with transfer tube provision. It only accepts the adjustable-style needle and seat assembly. The fuel inlet is located off the side wall of the bowl. (side inlet)

Standard **134-101**

Polished **134-101S**



134-101

Replacement secondary fuel bowl. This is a center-hung float design with fuel inlet provision only. It only accepts the adjustable-style needle and seat assembly.

Standard **134-102**

Polished **134-102S**



134-102S

FUEL BOWLS

Part #



134-104

Replacement primary fuel bowl. This is a center-hung float design with provision for accelerator pump and fuel inlet. It only accepts the adjustable-style needle and seat assembly.

Standard **134-103**



134-108

Replacement secondary fuel bowl. This is a center-hung float design with provision for accelerator pump and fuel inlet. It only accepts the adjustable-style needle and seat assembly. Used on double-pump carburetors.

Standard **134-104**



134-112

Replacement secondary fuel bowl. This is a side-hung float design with only a transfer tube provision.

Standard **134-105**

Replacement primary fuel bowl. This is a center-hung float design with provision for dual fuel inlets. Used on DOMINATOR carburetors.

Standard **134-108**

Replacement secondary fuel bowl. This is a center-hung float design with provision for dual fuel inlets and accelerator pump. Used on DOMINATOR carburetors.

Standard **134-112**

Replacement primary fuel bowl. Side-hung-float style with provision for side fuel inlet off the front face of the bowl. Does not have vent provision. Used on models 4165 and 4175 spread bore carburetors.

Standard **134-110**



134-110

Replacement secondary fuel bowl. Model 4175 carburetors.

Standard **34R-7960A**



34R-7960A

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162-500

FUEL FILTERS

Carburetor Fuel Inlet Brass Filter

Part #

162-500

Moraine fuel inlet filter is brass and fits Holley 4-bbl carburetors with center-hung-style float bowls. Also is a stock replacement for Rochester Quadra-Jet carburetors. 2 per package. Includes new filter springs.



162-515

VoluMAX Fuel Filters

Part #

Single inlet/outlet (-8 AN O-ring fittings)

162-514

Dual inlets/outlets (-8 AN O-ring fittings)

162-515

VoluMAX fuel filters have a very high flow capacity and feature a washable stainless steel, 60- micron filter element. The two-piece black anodized billet aluminum housing is CNC machined and can be rotated 360° to accommodate any required port alignment. A 3/8" mounting stud with lock washer and nut is provided to mount on your bracket.



162-514

VoluMAX Fuel Filter Element

Part #

162-516

Replacement filter element for VoluMAX fuel filter. The fine 60 micron stainless steel screen is washable. One per package.



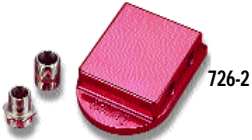
162-516

Fuel filter/Water Separator Mounting Block

Part #

726-2

Red anodized and machined from billet aluminum, this mounting block will accept all popular size spin-on filters. Provision for two inlet and 3 outlet ports. 3/8" female NPT.



726-2

Fuel filter/Water Separator Mounting Block

Part #

726-8

Red anodized and machined from billet aluminum, this mounting block will accept all popular size spin-on filters. Provision for one inlet (left hand) and two outlets. Inlet is 3/4" female NPT; outlets are 3/4" and 1/2" female NPT.



726-8

Fuel filter/Water Separator Mounting Block

Part #

726-9

Red anodized and machined from billet aluminum, this mounting block will accept all popular size spin-on filters. Provision for one inlet (right hand) and two outlets. Inlet is 3/4" female NPT; outlets are 3/4" and 1/2" female NPT.



734-4

Fuel Lines

Part #

734-4

One-piece chrome fuel line for dual inlet Holley model 4150 carburetors. Accepts 3/8" inverted flare fuel line. Resists corrosion and makes for a neat, clean installation.



726-1

Fuel/Fume Feedback Tube

Part #

726-1

This fuel/fume feedback tube is U.S. Coast Guard approved and it's required for installations which do not have a vent tube on the flame arrestor.