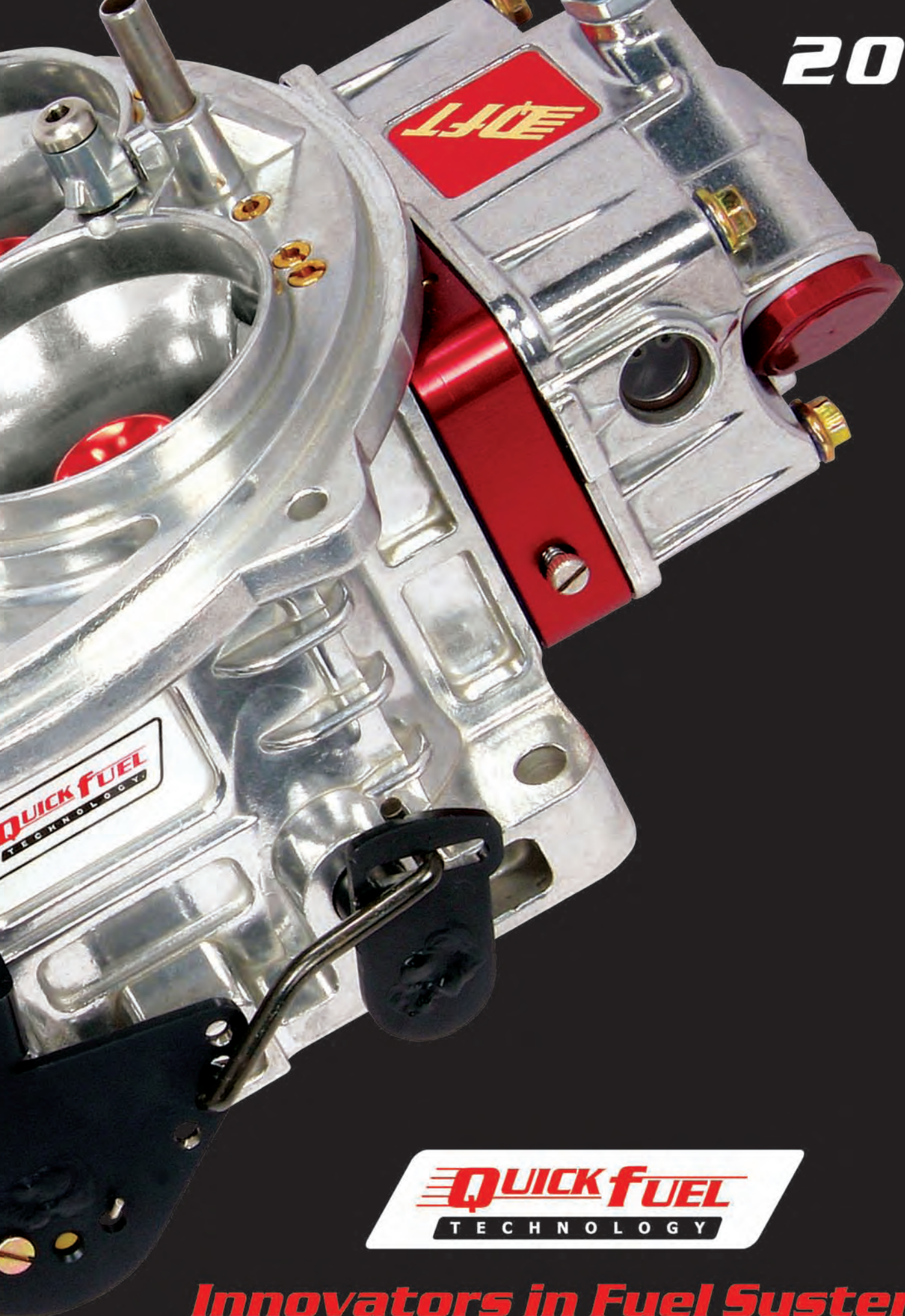


**2011**



**QUICK FUEL**  
TECHNOLOGY

***Innovators in Fuel Systems***

## Evolution of Innovation

- 1997** In December Quick Fuel Technology recognized a void in the carburetor market. Using years of experience and an in-depth engineering background QFT™ started to manufacture superior components for fellow modifiers.
- 2001** The Q-Series was launched and started a trend of innovation that still continues today at QFT™. Comprised of a no-nonsense main body and extensive race track testing the Q-Series was an instant hit and remains a hot seller present day.
- 2002** QFT™ expanded the Q-Series into larger CFM's including 850, 950, and 1050 while adding a standard billet aluminum throttle body.
- 2003** The Professional Series was introduced taking Q-Series technology to a higher level. Utilizing Super Duty® aluminum fuel bowls, billet aluminum metering blocks, and race only calibration, a new benchmark by which carburetors are measured had been set.
- 2004** Billet metering blocks were added to the Q-Series making them the most valuable performance carburetor available. The Professional series now included large flange 4500 style carburetors further expanding our market.
- 2005** Teflon throttle shafts were added to all QFT™ carburetors further increasing the durability and longevity of our throttle bodies. More features for less expense became the goal and performance spoke for itself.
- QFT™ introduced a new lightweight aluminum fuel bowl and simultaneously upgrades the Q-Series. Calibrations are refined and weight is dropped as innovation continues.
- 2007** The SS series is introduced making an immediate impact in the street market. Utilizing QFT™'s all new aluminum main body combined with billet metering blocks and a billet throttle body the way street carburetors are viewed has been forever changed.
- 2009** The QFX series is introduced changing the game in big-inch drag racing. A revolutionary main body design and user friendly external linkage were just a few of the many features. Being approved for NHRA Pro Stock use was a defining moment for QFT™.
- 2010** The Race-Q and Hot Rod Series are introduced further strengthening a solid product offering. A dedicated drag race carburetor combined with an all new aluminum street carburetor help QFT™ take it's place as a premier supplier of serious race carburetors. Another crowning achievement in 2010 is the approval of the SSR-780-VS for NHRA Stock and Super Stock competition.

***"Innovators in Fuel Systems"***



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## Terms of Custom Sale:

All special custom build carburetors to customer's specs or rebuild customer carburetors are shipped as non-refundable or redeemable. Quick Fuel Technology, Inc will make one-time needed adjustments without charge to the original purchaser. The carburetor must be shipped in the original QFT™ container with proof of purchase or original rebuild sheet.

## Limited Warranty Statement:

Quick Fuel Technology, Inc. warrants its new and remanufactured products to be free from defects in material and workmanship to the original purchaser only, for a period of 90 days from date of purchase. In the event of a defect in material or workmanship, Quick Fuel Technology, Inc. will repair or replace the product, or any defective part or parts thereof, without charge to the original purchaser.

The responsibility of Quick Fuel Technology, Inc. is limited only to the repair or replacement of the alleged defective part. Furthermore, Quick Fuel Technology, Inc. shall not be responsible for any actual or alleged labor, transportation or other incidental charges or actual or alleged consequential or other damages incurred by use of any product. Maximum liability shall not exceed the original cost of the alleged defective product to the consumer. There are no other obligations, expressed or implied, and final warranty determination will be at the sole discretion of Quick Fuel Technology, Inc.

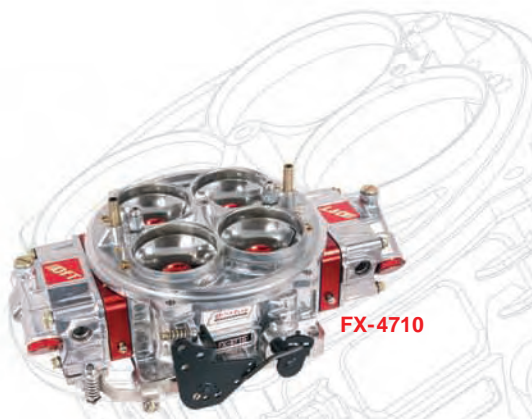
This warranty does not apply to products that have been modified or altered, subjected to misuse, neglect, accident, improper installation or adjustment, dirt or other contaminants, water, corrosion, faulty repair or used in other than those applications recommended in the current Quick Fuel Technology, Inc. catalog. To initiate the warranty process, return the alleged defective product to the original place of purchase, with dated purchase receipt. Warranty can be rejected if the consumer cannot establish date of purchase. This Warranty sets forth specific legal rights. The consumer may have other rights as a result of variations in state or provincial laws. This Limited Warranty supersedes all prior warranty statements. **No Other Warranties Apply**

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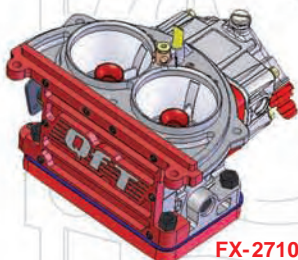
FX-4710



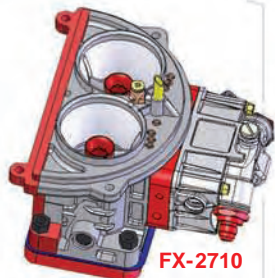
FX-4712



FX-4714



FX-2710



FX-2710

## 750 CFM

Part #	Description
FX-4750	Street, gasoline, #6AN, 750 CFM bell boosters

## 1050 CFM

Part #	Description
FX-4700	Drag race, gasoline, #6AN 1.710" venturi 2 circuit metering
FX-4710	Drag race, gasoline, #6AN, 1.710" venturi
FX-4710-2	Drag race, same as above for 2 X 4 applications
FX-4710-1	Drag race, gasoline #6AN, 1.750" venturi
FX-4710-3	Drag race, same as above for 2 X 4 applications
FX-4710-A	Drag race, alcohol, #8AN, 1.710" venturi
FX-4710-E85	Drag race, E-85 Fuel, #6AN, 1.710" venturi

## 1150 CFM

Part #	Description
FX-4711	Drag race, gasoline, #6AN, 1.800" venturi
FX-4711-2	Drag race, same as above for 2 X 4 applications
FX-4711-1	Drag race, gasoline, #6AN, 1.825" venturi
FX-4711-3	Drag race, same as above for 2 X 4 applications
FX-4711-A	Drag race, alcohol, #8AN, 1.800" venturi

## 1250 CFM

Part #	Description
FX-4712	Drag race, gasoline, #6AN, 1.900" venturi, 2.125" throttle
FX-4712-2	Drag race, same as above for 2 X 4 applications

## 1450 CFM

Part #	Description
FX-4714	Drag race, gasoline, #6AN, 2.000" venturi, 2.250" throttle
FX-4714-2	Drag race, same as above for 2 X 4 applications

## Splits

Part #	Description
FX-2710	Based on FX-4710 split version, 1.710" venturi
FX-2711	Based on FX-4711 split version, 1.800" venturi
FX-2712	Based on FX-4712 split version, 1.900" venturi
FX-2714	Based on FX-4714 split version, 2.000" venturi
Split carburetors use a 5.38" x 2.75" bolt pattern	

## Air Scoop Tray Mount

Part #	Description
100-4	FX carb scoop tray mount improved scoop pan stability



## Precision Flow Aluminum Main Body

The die cast aluminum main body, "U.S. patent D578,5505", features lengthened venturi sections for greater mid range torque. All QFX carburetors feature a raised intermediate system for stronger signal and an enhanced air entry section for better flow to the booster venturi. Available with cast throttle bores of 2.000, 2.125, 2.250.



Precision Flow Aluminum Main Body

## Annular Booster Venturi

The annular booster venturi are precision flow die cast with CNC-machined billet aluminum inserts. Far superior to the standard castings, these billet venturi have a much smoother and refined air entry and exit for increased flow, a stronger signal, less turbulence and improved fuel emulsion for better combustion. Additionally, the discharge holes around the circumference of the insert are drilled not punched. The gas version has 12 or more discharge holes versus the conventional 8. Three separate booster inserts are available for either gasoline (red), E85 (green) or Methanol (blue).

See page 20 for annular booster kits.



Externally Adjustable Throttle Linkage

## Billet Metering Block

QFX carburetors feature the most adjustable block available. CNC-machined from billet aluminum featuring three-circuit metering (gasoline carburetors), changeable emulsion, idle feed and intermediate feed and discharge. Alcohol carburetors also feature a billet metering block, dedicated for alcohol use, utilizing 5/16 jets.

See page 14 for Billet Metering Block kits.



Billet Metering Block

## QFT™ Fuel Bowl

QFT™'s aluminum fuel bowl is unique combining strength with a significant weight reduction. QFT™'s aluminum fuel bowls feature dual threaded fuel inlets and dual sight glass for convenient float level setting. Dedicated floats for specific applications ensure optimum carburetor performance characteristics without additional upgrade components. QFT™ fuel bowls are assigned "U.S. patent numbers D543,999 & D543,555".

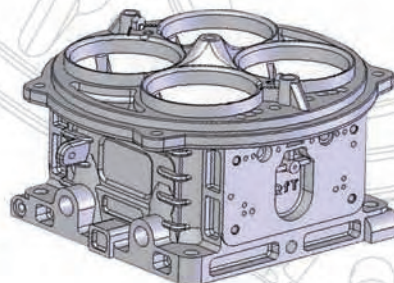
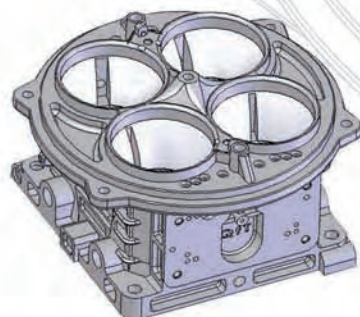
See page 17 for molded floats.



QFT™ Fuel Bowl

All QFX Series large flange carburetors have QFT™'s external linkage. Additional links are packaged with the carburetor providing four variations of throttle opening rates. (amount of primary throttle opening before secondaries open)

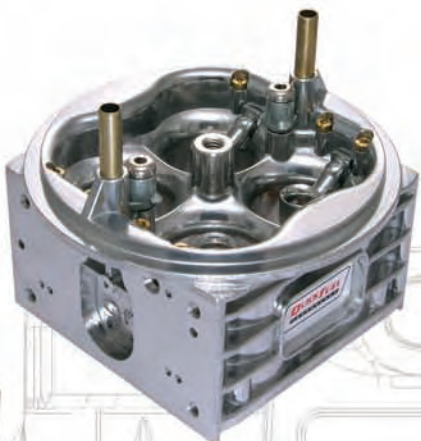
Moderate Progressive	25% primary throttle opening (black link)
Medium Progressive	40% primary throttle opening (black link)
Full Progressive	50% primary throttle opening (gold link)
1:1	Primary & secondary open together (silver link)



Innovators in Fuel Systems







## High-Flow Aluminum Main Body

The precision vacuum-drawn aluminum die casting helps to minimize any chance of porosity to occur. Also, critical casting dimensions can be held at much closer tolerances. Scalloped, polished symmetrical throttle bore openings coupled with recessed air bleed cavities provide minimal restriction to air flow, upgraded "racing" booster venturi provide expanded operating range. Screw-in air bleeds enable fine tuning of both the low and high-speed circuits.

## Billet Metering Blocks

CNC-machined to provide more precise fuel metering and a more uniform fuel performance curve. These metering blocks feature 5-stage changeable emulsion, idle feed and power valve channel restrictions. Alcohol and 2 or 3 circuit carburetors use 4-stage emulsion metering blocks.

See page 20 for Billet Metering Block kit.

## Billet Throttle Body

QFT™ throttle bodies are CNC-machined to exacting tolerances and provide exceptional strength. All Race-Q throttle bodies feature Dual Pattern Flange allowing for use on 4150 & 4500 style intake manifolds. Race-Q carburetors feature a QuickLink system that alters the secondary opening rate by simply changing the secondary link. 40%, 60% and 1:1 rates are available.

See page 16 for Billet Throttle Body kits.



## QFT™ Fuel Bowl

QFT™'s aluminum fuel bowl is unique combining strength with a significant weight reduction. QFT™'s aluminum fuel bowls feature dual threaded fuel inlets and dual sight glass for convenient float level setting. Dedicated floats for specific applications ensure optimum carburetor performance characteristics without additional upgrade components. The Race-Q fuel bowl features QuickChange jet port allowing the user to make jet changes without removing the fuel bowl. **QFT™ fuel bowls have a design patent no. D543,99S.**





## Race Q-Series

### 750 CFM

Part #	Description
RQ-750	Drag race, gasoline
RQ-750-AN	Drag race, annular boosters

### 850 CFM

Part #	Description
RQ-850	Drag race, gasoline
RQ-850-AN	Drag race, annular boosters

### 950 CFM

Part #	Description
RQ-950	Drag race, gasoline
RQ-950-AN	Drag race, annular boosters

### 1050 CFM

Part #	Description
RQ-1050	Drag race, gasoline
RQ-1050-AN	Drag race, gasoline, annular boosters
RQ-1050-3	Drag race, gasoline, 3 circuit
RQ-1050-3AN	Drag race, 3 circuit, annular boosters

All Race Q carburetors are supplied with a QuickChange Jet Screw Driver Part # 36-469

### Race Q Series Specifications

Part #	CFM	Pri. Jet	Sec. Jet	Idle Bleed	Inter. Bleed	Hi Speed Bleed
RQ-750	750	74	82	.073"		.033"
RQ-750-AN	750	70	82	.063"		.031"
RQ-850	850	76	82	.070"		.033"
RQ-850-AN	850	74	86	.070"		.033"
RQ-950	950	80	86	.070"		.032"
RQ-950-AN	950	78	86	.070"		.031"
RQ-1050	1050	86	94	.070"		.028"
RQ-1050-AN	1050	84	92	.073"		.033"
RQ-1050-3	1050	88	96	.061"	.053"	.038"
RQ-1050-3AN	1050	88	96	.061"	.053"	.038"



RQ-750



RQ-850



RQ-950



36-469

Innovators in Fuel Systems







Q-950



Q-750-A



Q-750-BAN

## Circle Track

Part #	Description
Q-650-CT	Circle track, gasoline
Q-650-CTA	Circle track, alcohol
Q-750-ANCT	Circle track, gasoline, annular boosters
Q-750-CT	Circle track, gasoline
Q-750-CTA	Circle track, alcohol
Q-750-E85CT	Circle track, E85 fuel
Q-750-PVCT	Circle track, gasoline, vacuum secondary
Q-850-ANCT	Circle track, gasoline, annular boosters
Q-850-CT	Circle track, gasoline
Q-850-CTA	Circle track, alcohol
Q-850-PVCT	Circle track, gasoline, vacuum secondary
Q-950-ANCT	Circle track, gasoline, annular boosters
Q-950-CT	Circle track, gasoline
Q-950-CTA	Circle track, alcohol
Q-1050-ANCT	Circle track, gasoline, annular boosters
Q-1050-CT	Circle track, gasoline
Q-1050-CTA	Circle track, alcohol

## Drag Race

Part #	Description
Q-650*	Drag race, gasoline
<b>NEW</b> Q-650-2	Drag race, gasoline, 2X4
Q-650-A	Drag race, alcohol
Q-650-PV*	Drag race, gasoline, vacuum secondary
Q-750*	Drag race, gasoline
<b>NEW</b> Q-750-2	Drag race, gasoline, 2X4
Q-750-A	Drag race, alcohol
Q-750-AN*	Drag race, gasoline, annular boosters
Q-750-E85*	Drag race, E-85 fuel
Q-750-PV*	Drag race, gasoline, vacuum secondary
Q-850*	Drag race, gasoline
<b>NEW</b> Q-850-2	Drag race, gasoline, 2X4
Q-850-A	Drag race, alcohol
Q-850-AN*	Drag race, gasoline, annular boosters
Q-850-E85*	Drag race, E85 fuel
Q-850-PV*	Drag race, gasoline, vacuum secondary
Q-950*	Drag race, gasoline
<b>NEW</b> Q-950-2	Drag race, gasoline, 2X4
Q-950-A	Drag race, alcohol
Q-950-AN*	Drag race, gasoline, annular boosters
Q-950-E85*	Drag race, E85 fuel
Q-1050*	Drag race, gasoline
<b>NEW</b> Q-1050-2	Drag race, gasoline, 2X4
Q-1050-A	Drag race, alcohol
Q-1050-AN*	Drag race, gasoline, annular boosters
Q-1050-E85*	Drag race, E85 fuel

## Forced Induction

Part #	Description
<b>NEW</b> Q-650-B1*	Drag race, gasoline, Blower 1X4
Q-650-B2*	Drag race, gasoline, Blower 2X4
<b>NEW</b> Q-750-B1*	Drag race, gasoline, Blower 1X4
Q-750-B2*	Drag race, gasoline, Blower 2X4
Q-750-BAN*	Drag race, Blow thru, gasoline, annular boosters
Q-750-E85BAN*	Drag race, E85 fuel, Blow thru, annular boosters
<b>NEW</b> Q-850-B1*	Drag race, gasoline, Blower 1X4
Q-850-B2*	Drag race, gasoline, Blower 2X4
Q-850-BAN*	Drag race Blow thru, gasoline, annular boosters
<b>NEW</b> Q-950-B1*	Drag race, gasoline, Blower 1X4
Q-950-B2*	Drag race, gasoline, Blower 2X4
<b>NEW</b> Q-1050-B1*	Drag race, gasoline, Blower 1X4
Q-1050-B2*	Drag race, gasoline, Blower 2X4

\* Potential for Off-Highway Use (Except In California Or States Having Adopted California Emissions Standards). Racing Use Or For Use On Pre-Emission Controlled Vehicles / Motor Vehicle Engines (Pre-1966 Domestic Vehicles) Certified To California Standards, Pre 1968 Domestic Vehicles Certified To Federal Standards And All Pre-1968 Foreign Vehicles, Per The Manufacturer's Applications Guide.



## High Flow Main Body

QFT™ die cast main aluminum main body is tumble polished and feature recesses air bleed cavities for improved air flow. Venturi are die cast to exacting tolerances to provide excellent throttle response and maximum wide open air flow. Screw-in air bleeds enable fine tuning of both idle and high speed circuits. Q-Series carburetors and their aluminum construction weigh considerably less than most competitors.

## Billet Metering Blocks

CNC-machined with multiple emulsion channels provides more precise fuel metering improving throttle response and a more uniform fuel curve. Billet metering blocks feature changeable idle feed and power valve restrictions.

See page 20 for Metering Blocks.

## Billet Throttle Body

QFT™ throttle bodies are CNC-machined to strict tolerances and provide exceptional precision and strength. Slabbed, Teflon™ coated throttle shafts are assembled with Teflon™ ribbons for years of smooth operation.

See page 16 for Billet Throttle Body kits.

## Adjustable Secondaries

All QFT™ mechanical secondary carburetors have an adjustable secondary idle speed bracket; this allows fine tuning of the secondary throttle position for improved idle adjustability. Mechanical secondary carburetors also feature a QuickLink system that alters the secondary opening rate by simply changing the provided links. 40%, 60%, or 1:1 opening rates are included. All vacuum secondary Q-Series carburetors feature the QuickSet diaphragm housing. Adjusting the rate of opening on vacuum carburetors is as simple as turning a screw.

See page 18 for Billet Adjustable Secondary Housing.

## QFT™ Fuel Bowl

QFT™ aluminum fuel bowl is unique combining strength with a significant weight reduction. All Q-Series fuel bowls feature dual threaded fuel inlets and dual sight glasses. Dedicated floats for specific applications ensure optimum carburetor performance characteristics without additional upgrades required. QFT™ fuel bowls have a design patent no. D543,99S.

See page 27 for Molded Floats.



## Q-Series Specifications

Part Number	CFM	Prim Jet	Sec Jet	Idle Bleed	Hi Speed Bleed	Part Number	CFM	Prim Jet	Sec Jet	Idle Bleed	Hi Speed Bleed
Q650	650	72	80	.070"	.031"	Q850-B1	850	80	86	.070"	.031"
Q650-2	650	72	80	.070"	.031"	Q850-B2	850	80	86	.070"	.031"
Q650-A	650	138	138	.061"	.031"	Q850-BAN	850	80	90	.070"	.031"/.028"
Q650-B1	650	72	80	.070"	.028"	Q850-CT	850	76	76	.070"	.033"
Q650-B2	650	72	80	.070"	.028"	Q850-CTA	850	138	154	.055"	.031"
Q650-CT	650	72	72	.070"	.033"	Q850-E85	850	86	94	.065"	.031"
Q650-CTA	650	128	138	.061"	.031"	Q850-PV	850	76	84	.070"/.067"	.033"
Q650-PV	650	70	80	.073"	.033"	Q850-PVCT	850	76	84	.070"/.065"	.028"
Q750	750	74	84	.070"	.033"	Q950	950	78	86	.070"	.032"
Q750-2	750	74	84	.070"	.033"	Q950-2	950	78	86	.070"	.032"
Q750-A	750	146	146	.061"	.031"	Q950-A	950	160	160	.053"	.028"
Q750-AN	750	70	82	.070"	.031"	Q950-AN	950	78	86	.070"	.031"
Q750-ANCT	750	72	72	.070"	.036"	Q950-ANCT	950	78	78	.070"	.031"
Q750-B1	750	74	84	.070"	.028"	Q950-B1	950	82	88	.070"	.028"
Q750-B2	750	74	84	.070"	.031"	Q950-B2	950	82	88	.070"	.028"
Q750-BAN	750	76	86	.070"	.031"	Q950-CT	950	78	78	.070"	.032"
Q750-CT	750	74	74	.070"	.033"	Q950-CTA	950	140	160	.055"	.028"
Q750-CTA	750	132	146	.061"	.031"	Q950-E85	950	88	96	.063"	.028"
Q750-E85	750	80	90	.065"	.028"	Q1050	1050	86	93	.070"	.028"
Q750-E85BAN	750	84	96	.065"	.028"	Q1050-2	1050	86	93	.070"	.028"
Q750-E85CT	750	76	76	.067"	.031"	Q1050-A	1050	176	176	.055"	.028"
Q750-PV	750	72	82	.070"/.067"	.033"	Q1050-AN	1050	84	90	.073"	.033"
Q750-PVCT	750	74	82	.073"/.067"	.033"	Q1050-ANCT	1050	84	84	.070"	.031"
Q850	850	76	84	.070"	.033"	Q1050-B1	1050	86	94	.070"	.025"
Q850-2	850	76	84	.070"	.033"	Q1050-B2	1050	86	94	.070"	.025"
Q850-A	850	154	154	.055"	.031"	Q1050-CT	1050	84	84	.070"	.031"
Q850-AN	850	76	84	.070"	.033"	Q1050-CTA	1050	168	168	.055"	.025"
Q850-ANCT	850	74	74	.073"	.033"	Q1050-E85	1050	90	98	.061"	.025"

# P-Series Circle Track

The QFT™ Professional Series is Circle Track exclusive. Engineered to withstand the rigors of round-track racing these carburetors will take whatever is thrown at them. Engine builders appreciate the tuneability while drivers enjoy the smooth throttle response. With several sizes and variations there is sure to be a P Series carburetor for your application.

## 750 CFM

Part #	Description
P-750-ANCT	Circle track, gasoline, annular boosters
P-750-CT	Circle track, gasoline
P-750-CTA	Circle track, alcohol

## 850 CFM

Part #	Description
P-850-ANCT	Circle track, gasoline, annular boosters
P-850-CT	Circle track, gasoline
P-850-CTA	Circle track, alcohol

## 950 CFM

Part #	Description
P-950-CT	Circle track, gasoline
P-950-CTA	Circle track, alcohol

## 1050 CFM

Part #	Description
P-1050-3ANCT	Circle track, gasoline, 3 circuit, annular boosters
P-1050-3CT	Circle track, gasoline, 3 circuit



P-750-CT



P-850-ANCT



P-950-CTA



P-1050-3ANCT





## High-Flow Aluminum Main Body

The precision vacuum-drawn aluminum die casting helps to minimize any chance for porosity to occur. Also, critical casting dimensions can be held at much closer tolerances. Larger CFM sizes are die cast to exacting specifications to provide "real world" venturi / throttle bore combinations that provide both maximum air flow and throttle response. Screw-in air bleeds enable fine tuning of both the low- and high-speed systems. Upgraded "racing" booster venturi provide an expanded operating range.

## Billet Metering Blocks

CNC-machined to provide more precise fuel metering and a more uniform fuel performance curve. These P-Series carburetor metering blocks feature 5-stage changeable emulsion, idle feed and power valve channel restrictions. Alcohol and 3 circuit carburetors use 4-stage emulsion metering blocks.

See page 20 for Billet Metering Block kit.

## Super Duty Throttle Bodies

Designed for competition, these die cast throttle bodies are CNC-machined to exacting specifications and will comply with all sanctioning association rules. Strengthening ribs reinforce the typical weak areas; thicker cross sections ensure excellent sealing to the main body. Reinforced positive throttle stops eliminate throttle shaft "over-centering" and reduces load on the throttle shaft at wide-open-throttle. All P-Series carburetors feature a QuickLink system that alters the secondary opening rate by simply changing the included secondary links. 40%, 60% and 1:1 rates are available. All P-Series carburetors have dual flange capacity. "These parts are covered by the following patent numbers: U.S. patent numbers: D456,818, D457,168, D456,421".

See page 16 for Super Duty Throttle Bodies.

## Die Cast Aluminum Fuel Bowls

A half-pound less weight than zinc, the P-Series carburetor fuel bowl is made from a special marine-grade aluminum alloy for superior corrosion resistance. An increased length enables them to carry additional fuel capacity for high-horsepower race engines. Internal baffles prevent an unstable float level due to fuel slosh. FUEL CHUTE™ design significantly reduces aeration and helps direct fuel to the bottom of the bowl, towards the main jet pick-up area. QFT™ Professional Series bowls have multiple patents, reference utility patent # 6554258. All QFT™ Professional Series carburetors come equipped with A/N fittings, # 6 A/N for Gas, # 8 A/N for Alcohol. "These parts are covered by the following U.S. patent numbers 6,554,258, D457,169, D457,170, D457,894, D457,895, D457,896".

See page 26 for Super Duty Fuel Bowl kits.

## Carburetor Specifications

Part #	CFM	Pri. Jet	Sec. Jet	Idle Bleed	Inter Bleed	Hi Speed Bleed
P-750-ANCT	750	70	70	.070"		.033"
P-750-CT	750	74	74	.073"		.033"
P-750-CTA	750	132	146	.061"		.031"
P-850-ANCT	850	74	74	.073"		.033"
P-850-CT	850	76	76	.070"		.033"
P-850-CTA	850	138	154	.055"		.031"
P-950-CT	950	78	78	.070"		.032"
P-950-CTA	950	160	160	.053"		.031"
P-1050-3-ANCT	1050	86	86	.053"	.061"	.038"
P-1050-3-CT	1050	84	84	.063"	.061"	.038"

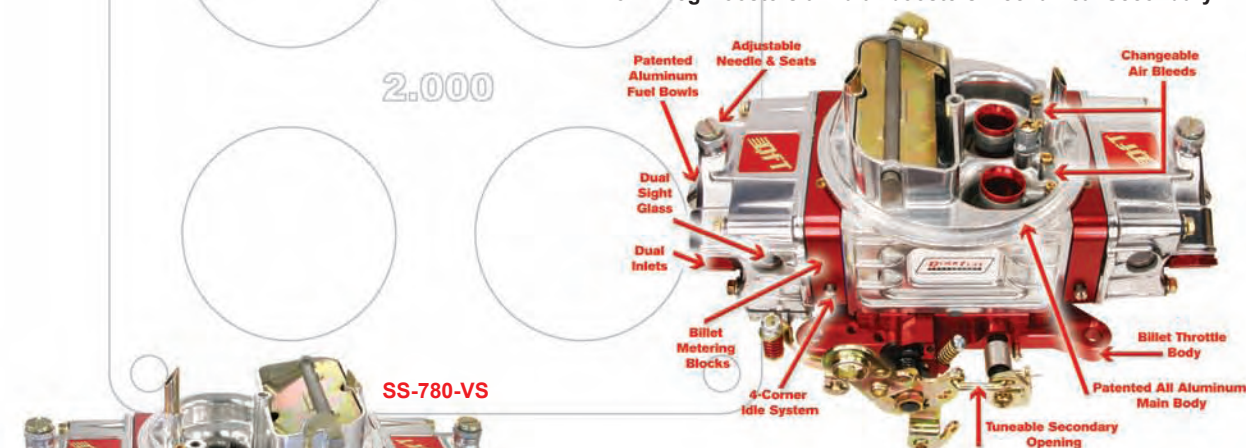


Innovators in Fuel Systems



## Common Features Vacuum & Mechanical Secondary SS Series Carburetors

- Changeable Air Bleeds idle & high speed for ultimate tuneability
- Aluminum fuel bowls with dual sight glass windows
- Billet Metering Blocks with changeable idle feed & power valve channel restrictions
- 4 Corner Idle System
- Notched Secondary Floats
- Secondary Jet Extensions
- Slabbed Throttle Shafts with Teflon™ bearing ribbons with stainless steel plates
- Billet Aluminum Throttle Body
- Down Leg Boosters/annular boosters Mechanical Secondary



SS-780-VS

## Vacuum Secondary SS Carburetors

### All SS Vacuum Secondary:

QFT™ QuickSet Adjustable Secondary Vacuum Housing for ultimate tuning flexibility

Part #	Description
SS-680-VS*	680 CFM elec. choke 1.312" venturi 1 11/16" throttle bore
SS-735-VS*	735 CFM elec. choke 1.312" X 1.437" venturi 1 11/16" throttle bore
SS-780-VS*	780 CFM elec. choke 1.375" x 1.437" venturi 1 11/16" throttle bore
SS-880-VS*	880 CFM elec. choke



SS-650-AN

## Mechanical Secondary Carburetors

### All SS Mechanical Secondary:

Tuneable Secondary Opening Rate... additional secondary links included

Part #	Description
SS-650*	650 CFM elec. choke 1.312" venturi 1 11/16" throttle bore
SS-650-AN*	650 CFM elec. choke 1.312" venturi 1 11/16" throttle bore, annular booster
SS-650-BAN*	650 CFM blow through annular booster 1.312" venturi, 1 11/16" throttle bore (milled air horn to fit most air bonnet configurations)
SS-650-CTRR*	Circle track ROAD RACE 650 CFM 1.312" venturi, no choke 1 11/16" throttle bore
SS-650-E85*	650 CFM elec. choke 1.312" venturi 1 11/16" throttle bore, E85 fuel only
SS-750*	750 CFM elec. choke 1.375" venturi 1 11/16" throttle bore
SS-750-AN*	750 CFM elec. choke 1.375" venturi 1 11/16" throttle bore, annular booster
SS-750-E85	750 CFM elec. choke 1.375" venturi 1 11/16" throttle bore, E85 fuel only
SS-830*	830 CFM elec. choke 1.450" x 1.560" venturi 1 3/4" throttle bore
SS-850*	850 CFM elec. choke 1.560" venturi 1 3/4" throttle bore



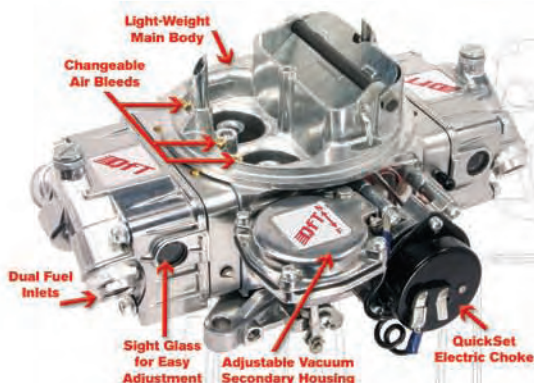
SS-750-E85

\* This Product Is Legal Only For Off-Highway Use (Except In California Or States Having Adopted California Emissions Standards). Racing Use Or For Use On Pre-Emission Controlled Vehicles / Motor Vehicle Engines (Pre-1966 Domestic Vehicles) Certified To California Standards, Pre 1968 Domestic Vehicles Certified To Federal Standards And All Pre-1968 Foreign Vehicles, Per The Manufacturer's Applications Guide.



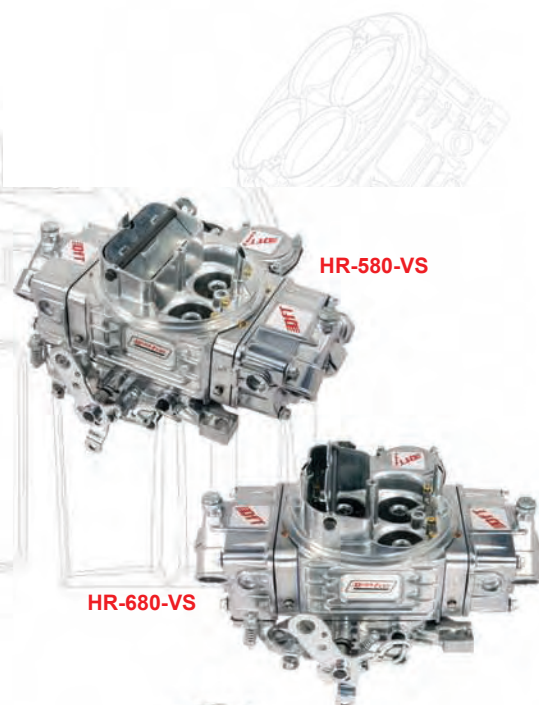
## Vacuum Secondary Models:

Born from a racing bloodline, the Hot Rod Series is sure to please the pickiest of enthusiasts. Featuring die-cast aluminum components, light-weight, economical and great looking, with features like screw-in air bleeds and 4-corner idle. Offered in several sizes both mechanical or vacuum secondary, all models feature electric choke, dual metering blocks for added performance and built-in sight glasses for quick and safe float adjustment. Tumble polished for a long lasting shine these aluminum beauties will be the pride of your engine compartment.



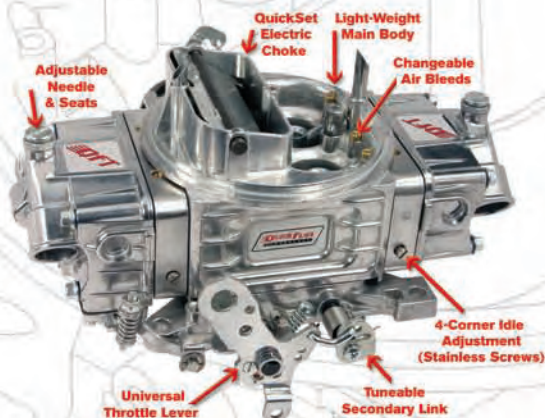
The HR Series vacuum secondary carburetors feature QFT™ QuickSet adjustable secondary vacuum housing, changeable air bleeds & high speed bleeds, sight glass window, 4 corner idle system, down leg boosters (on all models except HR-580-VS).

Part #	Description
HR-580-VS*	580 CFM 1.312" venturi 1 9/16" throttle bore
HR-680-VS*	680 CFM 1.312" venturi 1 11/16" throttle bore
HR-780-VS*	780 CFM 1.375" X 1.437" venturi 1 11/16" throttle bore



## Mechanical Secondary Models:

Born from a noted racing pedigree these die-cast dual pump mechanical secondary carburetors include all the features you've come to expect from QFT™. Screw-in air bleeds, dual metering blocks, 4-corner idle, built-in sight glasses, tuneable secondary opening rate, down leg boosters (on all models except HR-600). Tumble polished for long-lasting shine our mechanical models will give your ride the raw performance it deserves.



Part #	Description
HR-600*	600 CFM 1.312" venturi 1 9/16" throttle bore
HR-650*	650 CFM 1.312" venturi 1 11/16" throttle bore
HR-750*	750 CFM 1.375" venturi 1 11/16" throttle bore
HR-850*	850 CFM 1.562" venturi 1 3/4" throttle bore



\* This Product Is Legal Only For Off-Highway Use (Except In California Or States Having Adopted California Emissions Standards). Racing Use Or For Use On Pre-Emission Controlled Vehicles / Motor Vehicle Engines (Pre-1966 Domestic Vehicles) Certified To California Standards, Pre 1968 Domestic Vehicles Certified To Federal Standards And All Pre-1968 Foreign Vehicles, Per The Manufacturer's Applications Guide.

Innovators in Fuel Systems





## SSR-Series Drag Race and Circle Track

**Carburetors** are the most purpose built carburetors we have ever introduced. The SSR-Series carburetors are specifically created for class racing and have been approved by each sanctioning body for competition. Made from premium components and machined to the strictest tolerances while staying within sanctioning body guidelines, each carburetor is hand assembled and engine tested.



SSR-7556



SSR-8562



SSR-780-VS



SSR-650-CT

### Competition Eliminator

These Carburetors Comply With NHRA® Rules For Competition Eliminator Class

Part #	Description
SSR-7556	750 CFM for Competition Eliminator, Super Stock, Modified Stock and Modified Truck
SSR-8562	850 CFM for Competition Eliminator and Super Stock Modified Stock. Base model carburetor is best suited for crate motor class racing while custom builds are recommended for Comp Eliminator and Super Stock Modified.

CHECK WITH SANCTIONING BODY FOR LEGALITY

### Stock & Super Stock

These Carburetors Comply With NHRA® Rules For Stock And Super Stock Classes

Part #	Description
SSR-585-VS	585 CFM vacuum secondary for Stock and Super Stock; replacement for Holley® 1.250" primary, 1.313" secondary venturi 1 9/16" throttle bore <b>Available Summer 2011</b> <i>Replaces list numbers: 2818, 3043, 3139, 3140, 3245, 3367, 3419, 3420, 3530, 3557, 3793, 3795, 3796, 3806, 3810, 3811, 3814, 3815, 3807, 3836, 3837, 3838, 3839, 4088</i>
SSR-780-VS	780 CFM vacuum secondary for Stock and Super Stock; replacement for Holley® 3310 1.375" primary, 1.437" secondary venturi, 1 11/16" throttle bore <i>Replaces list numbers: 3069, 3124, 3130, 3246, 3247, 3255, 3310, 3410, 3411, 3613, 3910, 3911, 3943, 3944, 4052, 4053, 4168, 4174, 4279, 4345, 4346, 4456, 4480, 4489-1, 4491-1, 4492, 4513, 4514, 4554-1, 4555, 4556-1, 4557, 4609, 4627, 4628, 4647, 4803, 6127, 6239, 6238</i>
SSR-850	850 CFM mechanical secondary for Stock and Super Stock; replacement for Holley® 4781 1.562" primary and secondary venturi, 1 3/4" throttle bore <i>Replaces list number 4296</i>

CHECK WITH SANCTIONING BODY FOR LEGALITY

### Circle Track Crate Motor

Part #	Description
SSR-650-CT	650 CFM mechanical secondary designed for gauge rule "Crate Motor" engines (GM® 602/604) 1.250" primary and secondary venturi, 1 11/16" throttle bore

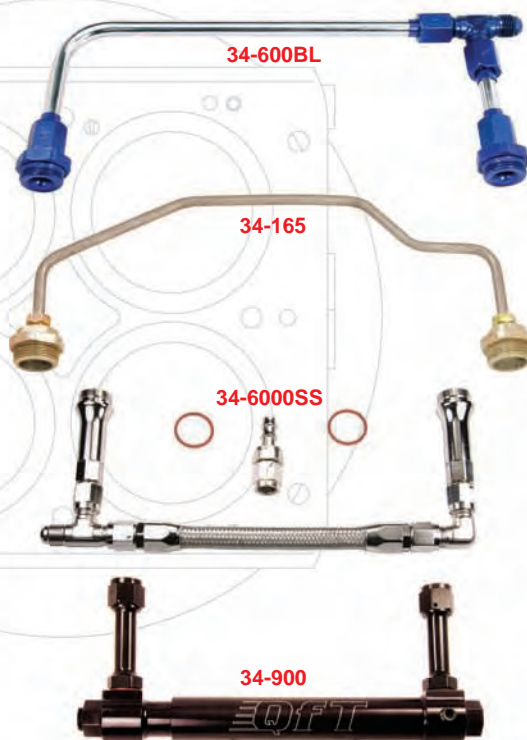




## Fuel Lines

Part #	Description
<b>NEW</b> 34-600R	Dual metering block carburetors with 7/8-20 fuel bowl thread, Red Stainless Steel #6AN inlet, #8AN bowl fitting
<b>NEW</b> 34-600BK	Dual metering block carburetors with 7/8-20 fuel bowl thread, Black Stainless Steel #6AN inlet, #8AN bowl fitting
<b>NEW</b> 34-600BL	Dual metering block carburetors with 7/8-20 fuel bowl thread, Blue Stainless Steel #6AN inlet, #8AN bowl fitting
34-600	P-Series carburetor only, #6AN inlet, #8AN bowl fitting
34-800	P-Series carburetor only, #8AN inlet, #8AN bowl fitting
<b>NEW</b> 34-165	Ford transfer short (single metering block) 5/16"ID
<b>NEW</b> 34-166	Ford transfer long (dual metering blocks) 5/16"ID
34-4150-6	Q-Series and Holley® carburetors #6AN inlet, 7/8-20 thread bowl, black anodized lines & fittings
34-4150-8	Q-Series and Holley® carburetors #8AN inlet, 7/8-20 thread bowl, black anodized lines & fittings
34-4150-BP	Same as above (#8 AN) with by-pass regulator
34-4500-8	QFX- Series or Holley® Model 4500 #8AN inlet, 7/8-20 thread bowl, black anodized lines & fittings
34-6000SS	SS-Series Dual feed fuel line, silver, #6 AN or 3/8" hose
34-8000SS	SS-Series Dual feed fuel line, silver, #8 AN or 3/8" hose
34-8000BP	Same as above for use w/return line and bypass regulator (regulator not included)

## Fuel Lines



## Billet Aluminum Adjustable Fuel Log

Part #	Description
34-900	CNC machined aluminum fuel log that is adjustable in length to fit a wide array of carburetors and configurations. Sealed with 4 internal O-rings, has provision for fuel pressure gauge and comes with #8 A/N O-ring stanchions. #8 A/N Inlet 3/8" NPT Outlet
34-901	Same as 34-900 except fuel bowl connections are a 6#AN female
34-902	Same as 34-900 except fuel bowl connections are 7/8-20 thread

## Specialty Fitting

Part #	Description
<b>NEW</b> 19-600	Barb fitting #6 AN to 3/8" hose barb, clear anodized



Innovators in Fuel Systems

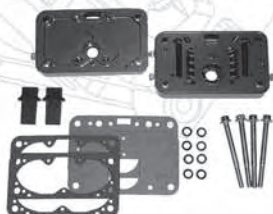


# Alternative Fuels

## Methanol • E85

Although conversion from gasoline to alcohol is fairly straight forward, there are a number of factors to consider before making your conversion. Methanol requires approximately 2 times more fuel flow than gasoline. On the opposite end of the scale, E85 requires approximately 25 to 30 percent more fuel. Consider the following air fuel ratio comparison before making your conversion:

Theoretical	Max Power	Rich Max	Power Lean	Theoretical	Max Power	Rich Max	Power Lean
Gasoline	14.7:1	12.5:1	13.2:1	E85	9.8:1	7.0:1	8.5:1
Methanol	6.4:1	5.4:1	5.7:1				



### E85 Carburetors

Part #	Description
SS-650-E85*	650 CFM, specifically calibrated for E85 Fuel on the street
Q-750-E85*	Q-Series carburetor with E85 calibration for drag racing
Q-850-E85*	Q-Series carburetor with E85 calibration for drag racing
Q-950-E85*	Q-Series carburetor with E85 calibration for drag racing
Q-1050-E85*	Q-Series carburetor with E85 calibration for drag racing
FX-4710-E85	FX-Series Drag Race Only large flange Carburetor

\*Blow thru and circle track versions also available.

### E85 Metering Block Kit

Part #	Description
34-106	E85 Alcohol metering block conversion kit. Includes a primary and secondary metering block calibrated for E85 fuel, includes a detailed instruction sheet. Note: Some additional carburetor and fuel system modifications may be necessary.

### Large Flange Conversion Kits

Part #	Description
34-45A	Designed to fit Holley® 4500 HP™ or similar carburetors. Complete kit to convert gasoline carburetors over to methanol. Kit includes billet alcohol metering blocks (5/16" jets baseline jetting included), fuel bowl extensions, booster assemblies with billet annular inserts, booster pins, air bleeds, etc., plus easy to follow instruction sheet.
34-45-E85	Same as above kit (w/out bowl extensions) for E85 Fuel (1/4" main jets) See page 20 for Billet Metering Blocks kits.

### Fuel Bowl Extension

Part #	Description
34-104	Billet, includes gaskets and longer fuel bowl screws; 1 ea.

### Alcohol Needle and Seats

Part #	Description
18-10	Alcohol, stainless steel needle, .130" adjustable; 1 ea.
18-11	Alcohol, stainless steel needle, .150" adjustable; 1 ea.
18-12	Alcohol, titanium needle, .150" adjustable; 1 ea.
36-E85	E85 Fuel sample test tube kit. Quickly measures Ethanol %

### Floats, Alcohol Compatible

Part #	Description
16-9	Nitrophyl compound "M," alcohol resistant



## Fuel Pump

Part #	Description
<b>NEW</b> 30-125-1	125 GPH electric fuel pump, includes mounting bracket
<b>NEW</b> 30-125-1R	125 GPH electric fuel pump, includes mounting bracket and 30-803 fuel pressure regulator
30-155	155 GPH electric fuel pump, includes mounting bracket
<b>NEW</b> 30-175	175 GPH billet electric fuel pump with internal bypass and provision for fuel pressure gauge

**30-175**  
(Does not include fuel pressure gauge)



## Pressure Regulators

Regulators include QFT™ GFLT Diaphragm

Part #	Description
30-803	Pressure regulator with ball and stem activation. High flow capacity that can satisfy single four-barrel engines.
30-804	Cast low pressure regulator 1-4 PSI
30-899	By-pass regulator, GFLT diaphragm by pass with idle bleed jet. For variable pressure fuel pumps.
30-900	By-pass regulator, eliminates "creep" at low RPM by-pass without restriction. Recommended for fuel pumps with steady line pressure. QFT™ billet fuel pressure regulators, are CNC-machined from solid aluminum for the ultimate in strength and repeatability.
30-1803	Pressure regulator (with ball and stem activation) This pressure regulator features can satisfy engines up to 900 Horsepower
30-1899	By-Pass regulator designed for alcohol mechanical (belt driven – two stage pressure) fuel pumps with by-pass idle jet
30-1900	By-Pass regulator is designed for use with electric fuel pumps where fuel pressure is steadily supplied. By-pass without restriction
<b>NEW</b> 30-4803	Billet 4 port fuel pressure regulator, non return style #8AN O-ring outlets. Compatible with QFT™ billet fuel pressure regulator log and has provision for boost reference and fuel pressure gauge.



**30-900**



**30-1803**



**30-1899**



**30-1900**



**30-4803**

## Billet Regulator Logs

Mounting multiple regulators has been solved. Now, mount up to four QFT™ billet regulators. Billet Fuel Pressure Regulator Logs come with the correct fasteners and mounting bracket.

Part #	Description
30-1	Regulator log cap. Seals off unused regulator pads
30-2	Billet fuel regulator log, mounts two regulators
30-3	Billet fuel regulator log, mounts three regulators
30-4	Billet fuel regulator log, mounts four regulators

## Repair Parts & Kits

### Pressure Regulator Diaphragm Kits

Part #	Description
35-100	Replacement diaphragm with spring for QFT™ and Holley® Regulators
35-1100	GFLT diaphragm (alcohol), with spring; 1 ea.
<b>NEW</b> 35-400	GFLT replacement diaphragm for 30-4803 4-port regulator



**30-4**  
(Regulators not included)

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# Throttle Body & Parts

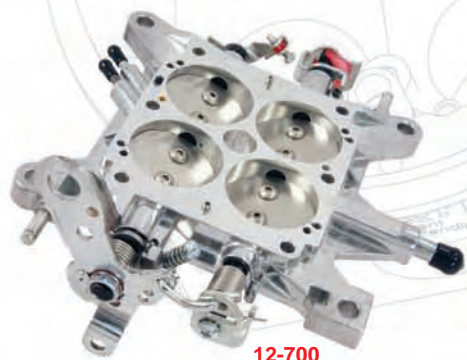
## Die Cast Aluminum

QFT™ "Super Duty" throttle bodies are die cast from a premium A380 aluminum alloy and CNC precision-machined. These throttle body and shaft assemblies are complete and include longer throttle body screws, Torx "buttonhead" throttle plate screws and gaskets. "These part numbers are covered by the following U.S. patent numbers D456,818, D457,168, D456,421".

Note: The throttle bodies are .070" taller than the original Holley®. Special reinforcement ribs strengthen the typical weak areas; with positive throttle stops for both the primary and secondary throttle shafts.



Part #	Description
12-751	Square flange, 1-11/16" throttle bores, steel throttle plates, gasoline dual bolt pattern flange
12-851	Square flange, 1-3/4" throttle bores, steel throttle plates, gasoline dual bolt pattern flange (Note: requires spacer plate 300-4145-1AL for use with large flange manifolds) (see page 32)
<b>NEW</b> 12-600	Die-cast throttle body - mechanical secondary 1-9/16" throttle bore
<b>NEW</b> 12-601	Die-cast throttle body - vacuum secondary 1-9/16" throttle bore
12-700	Die cast throttle body- mechanical secondary 1-11/16" throttle bore
12-701	Die cast throttle body-vacuum secondary 1-11/16" throttle bore
12-800	Die cast throttle body- mechanical secondary 1-3/4" throttle bore

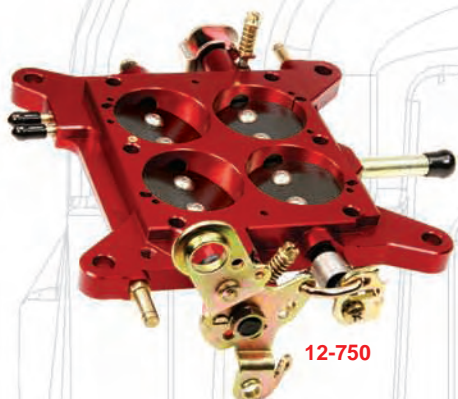


## Billet

Solid aluminum, billet throttle bodies are CNC-machined to exacting tolerances. Slabbed Teflon™ coated throttle shafts are used with "low profile," buttonhead screws for maximum performance. All billet throttle bodies are assembled with Teflon™ bearing ribbons to minimize throttle effort and improve throttle shaft seal. This replaces the original throttle body and use the old accelerator pump cam and arms. Throttle body part numbers below come with vacuum tubes installed, unless otherwise stated. (PCV 3/8", Manifold 3/16", and Timed 3/16")



Part #	Description
12-750	1-11/16" throttle bores, stainless steel plates, gasoline, dual pump, red color w/vacuum tubes.
12-753	1-11/16" stainless steel throttle plates, alcohol, blue color, dual bolt pattern.
12-755	1-11/16" stainless steel plates, red anodized dual flange bolt pattern. (Note: requires spacer plate 300-4145-1AL for use with large flange manifolds see pg 32)
12-756	1-11/16" stainless steel plates, red anodized for blower applications, no vacuum tubes, fuel drain back feature.
12-758	1-11/16" gasoline, vacuum, red color w/vacuum tubes
12-850	1-3/4" stainless steel plates, gasoline, dual pump, red color, with vacuum tubes
12-853	1-3/4" stainless steel plates, alcohol, dual pump, blue color dual bolt pattern.
12-854	1-3/4" stainless steel plates, red anodized dual flange bolt pattern. (Note: requires spacer plate 300-4145-1AL for use with large flange manifolds) (see pg 32)
12-857	1-3/4" stainless steel plates, red anodized for blower applications, no vacuum tubes, fuel drain back feature.
12-858	1-3/4" stainless steel plates, gasoline, vacuum secondary, red color, with vacuum tubes.





## Clip, Vacuum Secondary Link

Part #	Description
--------	-------------

36-1	E-clip; 2 ea.
------	---------------

## Cotter Pin, Secondary Throttle Connecting Link

Part #	Description
--------	-------------

48-1	Cotter pin; 5 ea.
------	-------------------

## Diaphragm, Vacuum Secondary

Part #	Description
--------	-------------

35-3	Most Holley® 4 BBL carburetors except early Chrysler (rod type stem) (stem stamped # 330)
35-4	High performance "short" stem diaphragm for quicker response and shorter travel
35-6	3x2 outboard carburetors

## Flat Washer

Part #	Description
--------	-------------

46-1	Flat washer; 5 ea.
------	--------------------

## O-Ring, Quick-Change Kit Cover

Part #	Description
--------	-------------

27-4	O-ring Quick Change Kit Cover; 2 ea.
------	--------------------------------------

## Plug, 3/8" Cup

Part #	Description
--------	-------------

7-5	Can be used to seal PCV tube and/or throttle shaft holes in throttle body; 2 ea.
-----	--

## Screw, Primary, Idle Speed

Part #	Description
--------	-------------

5-16	QFT™, Holley® 2 and 4 BBL carburetors; 2 ea.
5-17	QFT™ QFX, Holley® Model 4500 carburetors; 2 ea.

## Screw, Secondary, Idle Speed

Part #	Description
--------	-------------

5-15	Holley® 2 and 4 BBL carburetors; 1ea.
------	---------------------------------------

## Screw, Throttle Body

Part #	Description
--------	-------------

5-5	Throttle body screws; 6 ea.
5-19	Throttle body screws, Super Duty .100" longer; 6 ea.

## Throttle Lever Bushing

Part #	Description
--------	-------------

13-103	Throttle lever bushing & grommet
--------	----------------------------------

## Throttle Return Spring Kits

Part #	Description
--------	-------------

49-1	Throttle return spring kit for Holley® model 4500 main body based carburetors
49-2	Throttle return spring kit for QFX carbs
49-3	Throttle return spring kit for QFT™ and Holley® model 4150 style carburetors

# Throttle Body & Parts



36-1



48-1



35-3



46-1



27-4



7-5



5-16

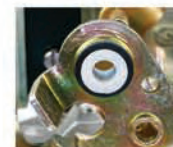
5-17



5-15



5-5



13-103



49-3

Innovators in Fuel Systems



# Throttle Body & Parts

# Throttle Body Parts

## QuickSet Adjustable Secondary

Billet cover with integrated adjustment screw. Dial your car in with the turn of a screw. Changes timing and opening rate.

Part #	Description
63-1	Adjustable vacuum secondary housing with billet cover

## Bracket, Secondary Idle & Pump Cam

Manual adjust secondary idle stop on dual pump carburetors

Part #	Description
63-2	Bracket kit

## Replacement Pump Arms

Sold individually with retaining clip included

Part #	Description
63-3	30cc Q / P / RQ / SS / HR-Series & 4150 Style Carburetor
63-3	30cc Q / P / RQ / SS / HR-Series & 4150 Style Carburetor
63-4	50cc Q / P / RQ / SS / HR-Series & 4150 Style Carburetor
63-5	50cc QFX & King Demon & 4500 Style Carburetors

## Spring Kit, Secondary Diaphragm

Part #	Description
38-100	White Yellow (short) Yellow Purple Plain Brown Black
	Light ↑ ↓ Heavy
38-464	Edelbrock® AFB power piston spring kit, includes complete range of springs

## Switches, Wide Open Throttle

Activates nitrous system at wide open throttle (WOT)

Part #	Description
600-1	Fits QFT™, PROFORM® and Holley® HP
600-2	Fits Holley® Model 4500 carburetors
600-2R	Fits Holley® HP Style 4500 carburetors - roller tip
600-3	Fits LS1
600-4	Fits LT1
600-5	Fits BBK® for LT1 & TPI
600-6	Fits 4.6L Mustang Stock
600-7	Fits 86-93 Mustang w/Edelbrock® & BBK®
600-8	Fits Holley® Old Style 4500 carburetors

## Throttle Ball Assortment

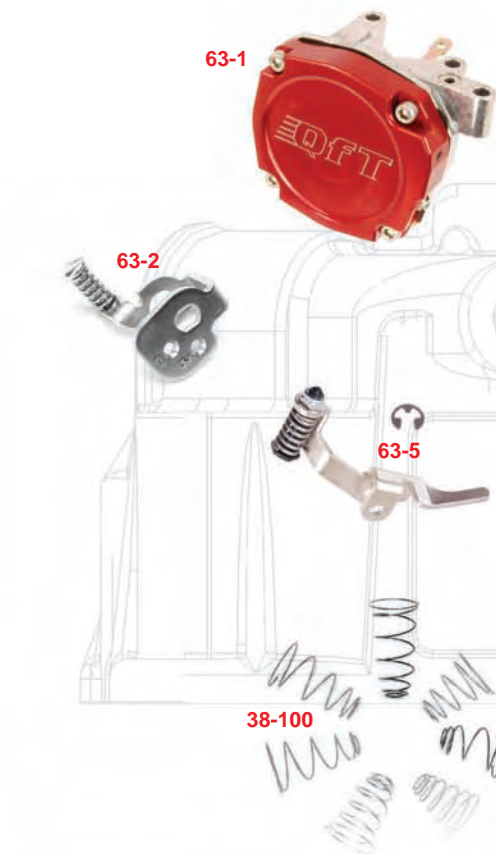
Part #	Description
28-100	Throttle balls; 4 ea.

## Throttle Cable Stud

Part #	Description
37-10	7/32" (short); 1 ea. (GM)
37-11	7/32" (long); 1 ea. (GM)

## Transmission Kickdown Stud

Part #	Description
37-12	GM transmission



600-1



28-100



37-10



37-12



# Throttle Body Assemblies / Parts

# Throttle Body & Parts

## Throttle Plates

Part #	Description
9-109	1-9/16" bore / .0625" thick; 4 ea.
9-172	1-11/16" bore / .040" thick; 4 ea.
9-180	1-3/4" bore / .040" thick; 4 ea.
9-215	1-11/16" / .040" thick, .093" hole size; 4 ea.
9-228	2" bore (large flange carburetors); 4 ea.
9-228R	2" bore (large flange carburetors), red anodized; 4 ea.
9-342	2-1/8" bore (large flange carburetors); 4 ea.
9-342R	2-1/8" bore (large flange carburetors), red anodized; 4 ea.
9-343R	2-1/4" bore (large flange carburetors), red anodized; 4ea.



## Throttle Shaft Kits

Part #	Description
10-1	Mech. secondary, primary & secondary shafts, replacement
10-2	Mech. secondary, primary & secondary shafts, hi-flow/slabbled
10-3	Primary shaft, hi-flow/slabbled
10-4	Primary shaft replacement, Ford A/T kickdown
10-5	Primary shaft hi-flow/ slabbled, Ford A/T kickdown
10-6	Vacuum secondary shafts, hi-flow/slabbled
10-7	Large flange, primary & secondary shafts, hi-flow/slabbled
10-8	Large flange, primary shaft, hi-flow/slabbled
10-10	Large flange, external linkage conversion kit
10-14	Large flange, external linkage kit for 2.250" throttle bore



## Throttle Shaft Ribbon (Bearings)

Part #	Description
13-1	1/4"; 4 ea.
13-2	1/8"; 2 ea.



## Screw, Throttle Plate

Part #	Description
5-6	Stock head, most 2 & 4 BBL. carburetors; 4 ea.
5-8	Stock head, large flange carburetor; 4 ea.
5-7	Race Torx head (short, for slab shaft); 4 ea.
5-20	Race Torx head (long, for slab shaft); 4 ea.



## Screw, Throttle Shaft

Part #	Description
5-13	Throttle shaft screws; 2 ea.



## Secondary Throttle Link

Part #	Description
43-2	Mechanical secondary link, square flange carburetors
43-1	1:1 mechanical secondary link, square flange carburetors
43-4	QFT™ carburetor super progressive and 1:1 (must have threaded shaft to change lever)
43-5	QFX 1:1 Link kit (must have QFX carb external linkage)



## Spring, Idle Speed Screw

Part #	Description
38-10	Most 2 & 4 BBL carburetors; 1 ea.
38-11	Large flange carburetor; 2 ea.



## Vacuum Tube Plugs

Part #	Description
7-100	3/16"; 2 ea.
7-101	3/8"; 2 ea.

7-100

Innovators in Fuel Systems



## Blocks, Billet Metering

QFT™ Billet metering blocks offer the highest quality metering performance available in a metering block. Precision CNC machined from aluminum billet, porosity causing cross well bleeding is virtually eliminated. All billet metering blocks have screw-in idle feed restrictions. Standard calibration metering blocks have race proven emulsion calibration pre-drilled directly into the metering block. Adjustable metering blocks have screw-in emulsion bleeds that can be altered for ultimate fuel curve tailoring.

Part #	Description
34-4	Standard calibration, 4 emulsion, for racing use gasoline Changeable power valve channel restriction for 4500 style carburetors <b>See page 14 for 4500 Alky Conversion Kit</b>
34-6	Adjustable metering, 4 emulsion, changeable emulsion bleeds, for racing use, alcohol
34-8	Standard calibration, 3 emulsion primary, has timed or ported vacuum port for street use
34-9	Standard calibration, 3 emulsion, secondary with idle mixture screws (must have correct throttle body) without power valve provision
34-10	Adjustable metering, changeable emulsion bleeds, 5 stage emulsion, changeable power valve channel restrictions Professional Series for racing use, gasoline
34-66	Secondary metering block conversion kit, standard calibration, screw-in idle feed restrictions, secondary block without power valve provision includes new longer transfer tube
34-77	Adjustable metering, 4 emulsion, changeable emulsion bleeds, three circuit large flange, for racing use, gasoline. For vacuum secondary carburetors with single inlet fuel bowls
34-105	Billet metering block conversion kit for mechanical secondary carburetors. Standard calibration, screw-in idle feed restrictions, primary side with timed or ported vacuum provision, without secondary power valve provision, four mixture screw system ( <b>must have correct throttle body</b> )
34-106	E85 billet metering block conversion kit <b>See page 14</b>
<b>NEW</b> 34-107	E85 billet 3 circuit metering block for QFX & 4500 style carburetors
<b>NEW</b> 34-108	Alcohol billet metering block for QFX & 4500 style carburetors, uses 5/16" main jets
34-111	Billet metering block conversion kit for vacuum secondary carburetors. Combination of 34-8 and 34-66 metering blocks, including longer transfer tube for single inlet carburetors.
34-133	Secondary metering block conversion kit, standard calibration, screw-in idle feed restrictions, secondary block without power valve provision fits vacuum secondary and mechanical secondary carburetors with dual feed fuel bowls, without secondary idle mixture screws.

## Restriction, Screw-In

Part #	Description
7-7	6-32 Blank
7-XX	6-32 screw-in restriction drilled to specific sizes for ease of calibration. To order use the prefix 7-followed by a two digit number that represents the size in thousands .000" sizes available are .028" through .041"(-28 through -41) then odd numbers only from .043" to .073"(-43 through -73). It is not necessary to include the zero in front of the number.

## Billet Secondary Plate Conversion Kit

Part #	Description
34-2	Fits single inlet, side pivot float four barrel carburetors, universal performance vacuum secondary 4 bbls, and center "squirt" 4 bbls. (list 4223 & 4224). Enables the use of metering jets on the secondary side of these carburetors without increasing the overall length of the carburetor. Kit includes; O-rings, transfer tube seals, notched float and non-stick gaskets. Jets must be purchased separately.
34-3	Fits dual feed center pivot fuel bowl equipped carbs. For use on vacuum secondary 4 BBL carburetors as well as six pack (3X2) end carburetors. Jets must be purchased separately.



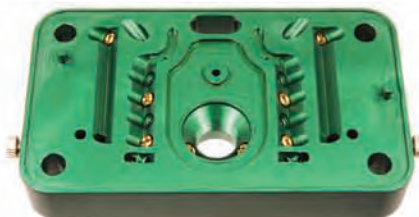
34-4, 34-9, 34-66 (Typical)



34-8, 34-105 (Typical)



34-6



34-106



34-5, 34-6, 34-10, 34-133 (Typical)



34-2



34-3



## Air Bleed Assortments

### (10-32 screw-in)

Part #	Description
36-25	.025" - .035"; 4 ea.
36-35	.035" - .045"; 4 ea.
36-45	.045" - .055"; 4 ea.
36-55	.055" - .065"; 4 ea.
36-65	.065" - .075"; 4 ea.
36-75	.075" - .085"; 4 ea.
36-85	.085" - .095"; 4 ea.

## Air Bleeds

### (10-32 screw-in)

Part #	Description
26-23 thru 26-100	Order by size in thousands (.023" thru .100") 2 ea.



26-31

## Booster Pins for QFX Series and Holley® Model 4500

Part #	Description
14-135	.135"; 4 ea.
14-140	.140"; 4 ea.
14-145	.145"; 4 ea.
14-150	.150"; 4 ea.
14-160	.160"; 4 ea.
14-170	.170"; 4 ea.
14-218	.218"; 4 ea.



14-160

## Booster Venturi

### (for Holley® Model 4500)

Part #	Description
21-400	Annular; 12-hole; gasoline
21-400A	Annular; 8-hole; alcohol
21-401	Annular Pro-Step; 12-hole; gasoline
21-401A	Annular Pro-Step; 8-hole; alcohol
21-402	Annular "skirted"; 12-hole; gasoline
21-402A	Annular "skirted"; 8-hole; alcohol



21-401

## QFX Series Annular Booster Kits

Part #	Description
21-471	12 hole gas .170" booster pin Red anodized
21-472	8 hole methanol .218" booster pin Blue anodized
21-473	12 hole gas .160" booster pin 1" skirt Red anodized
21-474	8 hole methanol .218" booster pin 1" skirt Blue anodized
21-475	12 hole gas .160" booster pin full skirt 750 Red anodized
21-476	8 hole methanol .218" booster pin full skirt 750 Blue anodized
21-477	17 hole E-85 .218" booster pin Green anodized



Innovators in Fuel Systems



## Metering

## Metering / Misc. / Components



47-1



8-9

8-1

15-2



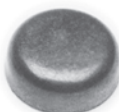
15-3



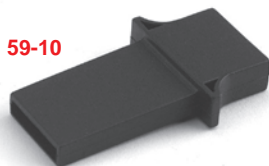
27-10



7-3



59-10



48-2



14-3



### Choke Cap; Electric

Part #	Description
47-1	QFT™ and Holley® replacement choke cap
47-474	Edelbrock® AFB replacement electric choke cap

### Gasket; Air Cleaner

Part #	Description
8-1	SAE 5 1/8" air cleaner flange; 2 ea.

### Seal; Choke Vacuum Passage

Part #	Description
8-9	Choke vacuum passage seal; 2 ea.

### Idle Mixture Screws

Part #	Description
15-3	"Headless" OEM-style steel fits all metering blocks
15-1	"Large Head", easy-access style
15-2	"Large Head", easy-access style Stainless steel

### Seal, Idle Mixture Screw

Part #	Description
27-10	Cork seal prevents air leakage around idle mixture screw; 2 ea.
27-100	Red nylon idle mixture screw seal; 2 ea.

### Plug, Cup, Metering Block

Part #	Description
7-3	Seals the metering block fuel wells; 4 ea.

### Vent Baffle, Fuel Bowl

Part #	Description
59-10	The complete seal design is held in place by the fuel bowl gasket and positions the vent opening at the center of the fuel bowl to minimize slosh.

### Spring Clip; Choke

Part #	Description
48-2	Choke spring clip; 5 ea.

### Vent Tubes; Fuel Bowl

Part #	Description
14-1	5/16"OD X 2-1/8" Straight cut; 2 ea.
14-2	5/16"OD X 1-3/8" Straight cut aluminum; 2 ea.
14-3	5/16"OD X 1-3/8" Straight cut; 2 ea.
14-4	5/16"OD X 3/4" Angle cut; 2 ea.
14-5	5/16"OD X 1-5/16" Angle cut; 2 ea.



All QFT™ jets are precision-manufactured to an exacting standard that meets or exceeds OEM specifications.

Note: These numbers correlate to Holley® main jet flow rates.

# Metering Jets

## Gasoline Main Jets

Jet #	2-pack	10-pack	Jet #	2-pack	10-pack	Jet #	2-pack	10-pack	Jet #	2-pack	10-pack
50	22-50	22-50-10	66	22-66	22-66-10	81	22-81	22-81-10	96	22-96	22-96-10
51	22-51	22-51-10	67	22-67	22-67-10	82	22-82	22-82-10	97	22-97	22-97-10
52	22-52	22-52-10	68	22-68	22-68-10	83	22-83	22-83-10	98	22-98	22-98-10
53	22-53	22-53-10	69	22-69	22-69-10	84	22-84	22-84-10	99	22-99	22-99-10
54	22-54	22-54-10	70	22-70	22-70-10	85	22-85	22-85-10	100	22-100	22-100-10
55	22-55	22-55-10	71	22-71	22-71-10	86	22-86	22-86-10	101	22-101	22-101-10
56	22-56	22-56-10	72	22-72	22-72-10	87	22-87	22-87-10	102	22-102	22-102-10
57	22-57	22-57-10	73	22-73	22-73-10	88	22-88	22-88-10	103	22-103	22-103-10
58	22-58	22-58-10	74	22-74	22-74-10	89	22-89	22-89-10	104	22-104	22-104-10
59	22-59	22-59-10	75	22-75	22-75-10	90	22-90	22-90-10	105	22-105	22-105-10
60	22-60	22-60-10	76	22-76	22-76-10	91	22-91	22-91-10	106	22-106	22-106-10
61	22-61	22-61-10	77	22-77	22-77-10	92	22-92	22-92-10	107	22-107	22-107-10
62	22-62	22-62-10	78	22-78	22-78-10	93	22-93	22-93-10	108	22-108	22-108-10
63	22-63	22-63-10	79	22-79	22-79-10	94	22-94	22-94-10	109	22-109	22-109-10
64	22-64	22-64-10	80	22-80	22-80-10	95	22-95	22-95-10	110	22-110	22-110-10
65	22-65	22-65-10									

## Gasoline Main Jet Kits

Part #	Description
22-700	2 each of jet numbers 70 through 80, includes QFT™ Billet jet board
22-704	4 each of jet numbers 70 through 80, includes QFT™ Billet jet board
22-800	2 each of jet numbers 80 through 90, includes QFT™ Billet jet board
22-804	4 each of jet numbers 80 through 90, includes QFT™ Billet jet board
22-900	2 each of jet numbers 90 through 100, includes QFT™ Billet jet board
22-904	4 each of jet numbers 90 through 100, includes QFT™ Billet jet board
22-1000	2 each of jet numbers 100 through 110, includes QFT™ Billet jet board
22-1004	4 each of jet numbers 100 through 110, includes QFT™ Billet jet board



## Alcohol Jet Assortments

These kits contain four each of sixteen different jet sizes, with a handy plastic organizer.

Part #	Description
36-10	Jet sizes 132 through 172
36-11	Jet sizes 150 through 200

## Alcohol Main Jets

Jet #	2-Pack	Jet #	2-Pack	Jet #	2-Pack	Jet #	2-Pack	Jet #	2-Pack	Jet #	2-Pack	Jet #	2-Pack
120	22-120	128	22-128	138	22-138	146	22-146	154	22-154	164	22-164	180	22-180
122	22-122	130	22-130	140	22-140	148	22-148	156	22-156	168	22-168	184	22-184
124	22-124	132	22-132	142	22-142	150	22-150	158	22-158	172	22-172	188	22-188
126	22-126	136	22-136	144	22-144	152	22-152	160	22-160	176	22-176	192	22-192
												204	22-204
												208	22-208

## Jet Extension Kits

These kits will solve any lean condition problems on hard acceleration, by extending the fuel pick-up point of the main jets further into the fuel bowl. Requires the use of either a "notched" float or fuel bowl extension kit.

Part #	Description
22-1	Gasoline jets, 1/4-32 thread
22-2	Alcohol jets, 5/16-32 thread

## Main Jet Plate Organizer

Part #	Description
78-100	Gasoline Jets, billet aluminum, red anodized

## Main Jet (Gasoline) Tap

Part #	Description
126-1	1/4-32 thread

Innovators in Fuel Systems



Power Valve



## FOUR DOOR® Power Valve

The standard by which all other power valves are measured. QFT™ exclusive in-house design has become the power valve of preference by professional race teams in virtually every circuit where carburetors are used. Not only does the FOUR DOOR® power valve have a much greater flow capacity (vital for alcohol applications), but a quicker response rate and tighter limit bands allow engine builders to precisely tune the power enrichment phase of their calibration.

Each FOUR DOOR® power valve is hand tested and set to the stamped value. The opening and closing specifications are ½ inch HG above and below the stamped value. The thicker molded diaphragm adds increased protection against backfire induced rupture. No one offers a broader selection of opening values than QFT™. This power valve design is covered by U.S. patent #6520488B1.

Part #	Opening Point	Part #	Opening Point
25-25	2.5 in. Hg	25-60	6.0 in. Hg
25-30	3.0 in. Hg	25-65	6.5 in. Hg
25-35	3.5 in. Hg	26-70	7.0 in. Hg
25-40	4.0 in. Hg	25-75	7.5 in. Hg
25-45	4.5 in. Hg	25-85	8.5 in. Hg
25-50	5.0 in. Hg	25-95	9.5 in. Hg
25-55	5.5 in. Hg	25-105	10.5 in. Hg

## Power Valve Plug

Part #	Description
25-1	Plug for power valve, includes gasket, 1/2-28 thread

## Power Valve Gasket

Part #	Description
8-25	Non-stick design, use with performance power valves

## Power Valve Blow-Out Protection Kit

Part #	Description
25-100	Protects the power valve diaphragm from rupturing when backfire occurs.

25-1

8-25

25-100





**30cc Accelerator Pump Kits**

Part #	Description
21-105	30cc Pump Kit w/ QFT™ aluminum cover
21-106	30cc QFT™ aluminum pump cover

**50cc Accelerator Pump Kits**

All the hardware required to upgrade existing 30cc pump systems or replace / repair your current 50cc pump system.

Part #	Description
21-103	2 and 4 BBL carburetors with QFT™ aluminum pump housing
21-104	Large flange carburetors with QFT™ aluminum pump housing

**Cam Assortment, Accelerator Pump**

Allows you to tailor pump action to engine demand. Eight different cam shapes and profiles give you a variety of performance variables.

Part #	Description
41-100	Assortment of accelerator pump cams; 8 ea.

**Cam Kits, Accelerator Pump**

Part #	Description
41-330	Pink, 30cc pump; 1 ea.
41-466	Orange, 30cc pump; 1 ea.
41-427	Blue, 30cc pump; 1 ea.
41-336	Brown, 50cc pump (exc. model 4500); 1 ea.
41-664	Brown (wide), 50cc pump (exc. model 4500); 1 ea.
41-627	White, 30cc, large flange carburetor; 2 ea.
41-643	Yellow, 50cc large flange carburetor; 2 ea.

**Screw, Accelerator Pump Cam**

Part #	Description
5-9	Screw; 2 ea.

**Diaphragms, Accelerator Pump**

Part #	Description
35-1	30cc accelerator pump diaphragm; 1 ea.
35-13	30cc accelerator pump diaphragm, GFLT; 1 ea.
35-2	50cc accelerator pump diaphragm; 1 ea.
35-12	50cc accelerator pump diaphragm, GFLT; 1 ea.
35-471	Edelbrock® AFB Heavy Duty accelerator pump kit

**Screw, Accelerator Pump Housing**

Part #	Description
5-1	30cc accelerator pump, 4 screws and lock washers
5-2	50cc accelerator pump, 4 screws and lock washers

**Needle, Discharge, Accelerator Pump**

Part #	Description
23-1	Needle; 2 ea.

**Nozzles, Accelerator Pump (2 gaskets)**

Part #	Description	Part #	Description	Part #	Description
21-25	.025"; 1 ea.	21-37	.037"; 1 ea.	21-50	.050"; 1 ea.
21-28	.028"; 1 ea.	21-40	.040"; 1 ea.	21-52	.052"; 1 ea.
21-31	.031"; 1 ea.	21-42	.042"; 1 ea.	21-55	.055"; 1 ea.
21-32	.032"; 1 ea.	21-45	.045"; 1 ea.	21-63	.063"; 1 ea.
21-35	.035"; 1 ea.	21-47	.047"; 1 ea.	8-8	Gasket; 2 ea.

**Screw, Accelerator Pump Discharge Nozzle**

Part #	Description
5-10	Standard: Phillips head, 2 screws, 4 gaskets

**Gasket, Accelerator Pump Discharge Nozzle**

Part #	Description
8-8	Pump Nozzle gaskets; 2 ea.

**Stud, Accelerator Pump Arm**

Part #	Description
37-1	Pump arm stud; 1 ea.

**Clips**

Part #	Description
36-3	C-clip, accelerator pump arm (early); 2 ea.
36-4	E-clip, accelerator pump arm (current); 2 ea.

**Transfer Tube, Accelerator Pump**

Part #	Description
21-1	Tube; 1 ea.
27-3	O-ring; 2 ea.



41-100



41-330



5-9



35-2



5-1



21-31



8-8



37-1



36-4



21-1

Innovators in Fuel Systems



# Fuel Bowl & Parts

QFT™ and Professional Series aluminum fuel bowls weighs 1/2 pound less than the standard zinc fuel bowl. Professional Series bowls have multiple patents, reference utility patent # 6554258. Pro Series fuel inlet is 3/4-16 thread same as #8 AN. QFT™ fuel bowls are covered by U.S. patent numbers "D543,999 and D543,555". QFT™ bowls have 7/8"-20 fuel inlet threads and accept all conventional service parts.

## Fuel Bowl Kits

Part #	Description
34-100	Dual pump 4-Bbl carburetors. Kit includes two QFT™ aluminum fuel bowls, with dual glass sight windows, dual inlet. 7/8-20 red anodized fittings included and non-stick gaskets.
34-101	Dual pump 4-Bbl carburetors. Kit includes two aluminum Professional Series fuel bowls with dual glass sight windows and dual fuel inlets, two fuel inlet plugs and two #8AN fuel inlet fittings.
34-102	2-Bbl carburetors Professional Series (except list #6425 annular discharge carburetor). Kit includes an aluminum fuel bowl, Professional Series #6AN fitting and non-stick gaskets.
34-103	QFT™ aluminum bowls, same as Part # 34-100 with chrome finish.
34-107	QFT™ aluminum bowls, for vacuum secondary carbs, single window.
34-110	QFT™ aluminum bowls, with quick change jet plugs.
34-112	Individual QFT™ aluminum bowl with provision for pump, dual inlet and dual window
34-113	Individual QFT™ aluminum bowl without provision for pump, single inlet, single window secondary bowl
34-114	Dual needle & seat fuel bowl kit. Used for high horsepower Applications requiring more fuel flow. Includes 2 fuel bowls, floats, needles & seats, fitting and all other hardware.

## Check Valve

Part #	Description
23-2	"Umbrella" style; 2 ea.

## Screw, Fuel Bowl

Part #	Description
5-4	"Short" style, includes nylon gaskets; 4 ea.
5-3	"Long" style, includes nylon gaskets; 4 ea.
5-18	Pro Series "FUEL CHUTE®" bowls with nylon gaskets; 4 ea.

## Gasket, Fuel Bowl Screw

Part #	Description
8-4	Nylon gasket; 8 ea.
8-40	Standard composition gasket; 8 ea.

## Plug, Sight

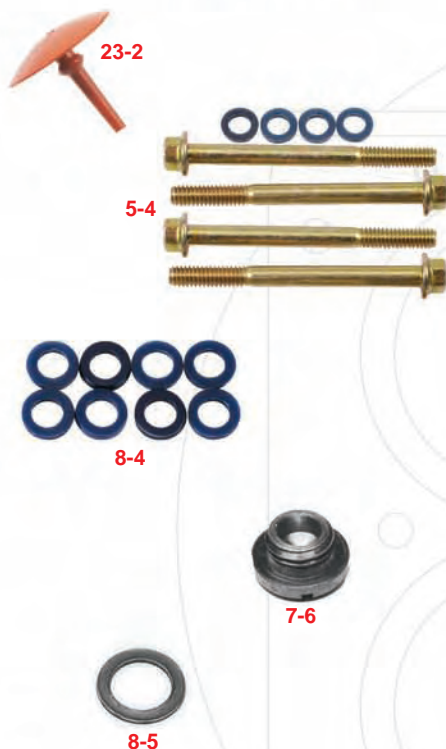
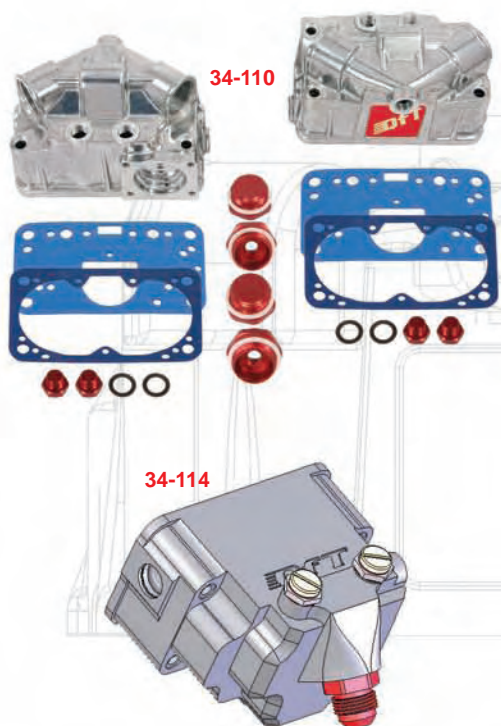
Part #	Description
7-6	Brass replacement fuel bowl sight plug; 2 ea.
7-1	Brass replacement sight plug and gasket kit; 2 ea.
7-10	Clear sight plug and o-ring; 2 ea.

## Gasket, Sight Plug

Part #	Description
8-5	Fuel bowl sight plug gasket; 2 ea.

## Needle and Seat Hardware

Part #	Description
39-1	Adjustment nut and gasket; 1 ea.
18-100	Hardware kit, complete; 1 ea.
5-14	Lock screw and gasket; 1 ea.





## Edelbrock® Needle & Seats

Part #	Description
18-465	Edelbrock® AFB Needle & Seat .0935" Off Road; 2 ea.
18-466	Edelbrock® AFB Needle & Seat .110"; 2 ea.
18-498	Edelbrock® AFB Needle & Seat .0935" Standard; 2 ea.

## Floats, Center Hung

Part #	Description
16-1	Brass; 1 ea.
16-9*	Braswell® Methanol resistant, standard replacement; 1 ea.
16-10	Stock Nitrophyl; 1 ea.
16-11	QFT™ Nitrophyl, notched; 1 ea.
16-12*	Methanol resistant, secondary circle track wedge; 1ea.
16-13*	Methanol resistant, primary circle track wedge; 1 ea.
16-14*	Methanol resistant, double wedge road race; 1 ea.
16-15*	Methanol resistant, double wedge road race, notched for jet extension; 1 ea.

\* Will not work on the secondary side of the 4 BBL carburetor equipped with a secondary metering plate.

## Floats, Side Hung

Part #	Description
16-3	Side hung nitrophyl; 1 ea.

## E-Clip, Float

Part #	Description
36-2	E-clip style; 2 ea.
36-2	Spring; 2 ea.

## Float Kits, Racer

These float conversion kits are designed with the racer in mind. Just two simple screws to remove, take out the old float hinge assembly, remove the two O-ring retainers from the new assembly, put in the new assembly, tighten the two screws, and you're done! All at the same price as the modified float alone from other suppliers. We have a kit with every gasket you could possibly need to make this conversion.

Part #	Description
16-100	2 BBL, circle track
16-101	4 BBL, circle track
16-102	4 BBL, with jet extensions
16-103	4 BBL, road race
16-104	4 BBL, 2 x 4 installation

All float kits include methanol resistant floats.

## Spring, Float

Part #	Description
38-1	Center hung float; 2 ea.
38-2	Side pivot float; 2 ea.

## Hinge and Bracket Kit, Float

Part #	Description
16-105	Center hung float
17-1	Float hinge

## Fuel Bowl Parts



RR Float 16-14



16-9



SEC Float 16-12



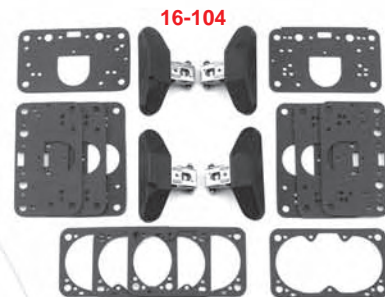
RR Notch 16-15



16-3



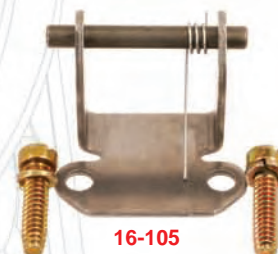
36-2



16-104



38-1



16-105

Innovators in Fuel Systems



# Fuel Bowl Parts



## Plug, Fuel Bowl

Part #	Description
19-20	Fits QFT™ carburetors and most Holley® 7/8-20 thread; 1 ea.
19-200	P-Series fuel bowls 3/4-16 thread, #8AN O-ring; 1 ea.

## Gasket, Fuel Inlet Nut

Part #	Description
8-2	7/8", rubber-coated aluminum; 2 ea.
8-12	7/8", nylon; 2 ea.
8-3	9/16", rubber-coated aluminum; 2 ea.

## Transfer Tube

Part #	Description
14-115	Tube with press-in seal (converts from O-ring style tube) Fits 4160

## Fitting, Inlet (Standard Fuel Bowl)

Part #	Description
19-1	Hose, swivel fitting, 9/16-24 x 5/16" fuel line; 1 ea.
19-2	Hose, swivel fitting, 9/16-24 x 3/8" fuel line; 1 ea.

## Fittings, Center-Hung Bowls

Part #	Description
19-6	7/8-20 x #6AN, red anodized aluminum long; 1 ea.
19-8	7/8-20 x #8AN, red anodized aluminum long; 1 ea.
19-16	7/8-20 X #6AN, red anodized aluminum short; 1 ea.
19-18	7/8-20 X #8AN, red anodized aluminum short; 1 ea.
19-26	7/8-20 X #6AN, blue anodized aluminum short; 1 ea.
19-28	7/8-20 X #8AN, blue anodized aluminum short; 1 ea.
19-36	7/8-20 X #6AN, black anodized aluminum short; 1 ea.
19-38	7/8-20 X #8AN, black anodized aluminum short; 1 ea.

## Fitting, Inlet (QFT™ P-Series Fuel Bowl)

Part #	Description
19-103	#8 AN O-ring male to #3 AN for fuel pressure gage or data acquisition tap
19-106	#6 AN inlet, O-ring seal, downsize nut, red anodized aluminum; 1 ea.
19-108	#8 AN O-ring male to #8 AN male red anodized
19-108BL	#8 AN inlet, O-ring seal, downsize nut, blue anodized aluminum; 1 ea.
19-110	#8 AN male O-ring to #10 AN male
19-118	#8 AN O-ring male to 3/8" NPT male, red anodized
19-118BL	#8 AN O-ring male to 3/8" NPT male, blue anodized
19-206	#6 AN extended inlet, O-ring seal, downsized nut, black anodized aluminum; 1 ea.
19-208	#8 AN extended inlet, O-ring seal, downsized nut, black anodized aluminum; 1 ea.
27-1000	O-ring for Professional Series Fuel Bowl fittings





Quick Fuel Technology's original, non-stick gaskets are recommended for all racing applications.

All gasket images are for reference only and may not represent actual product and/or color.

# Gaskets

## Fuel Bowl Gaskets

Part #	Description
8-134	All Modular carburetors, non-stick; 2 ea.

## Metering Block Gaskets

Part #	Description
8-129	2-circuit, non-stick; 1 ea.
8-131	2-circuit, with acc. pump cutout, non-stick; 2 ea.
8-136	3-circuit, non-stick; 2 ea.
8-139	2-circuit Demon®, QFT™, PROFORM® and Holley® HP metering block, non-stick; 2 ea.
8-146	Square flange carburetors 3 circuit, non-stick; 2 ea.
8-150	QFX, Demon®, Holley®, 3 circuit big bore race only carburetors; 2 ea.

## Secondary Metering Plate Gasket

Part #	Description
8-27	Secondary metering plate; 2 ea.

## Secondary Metering Plate/Fuel Bowl Gasket

Part #	Description
8-130	Non-stick; 2 ea.

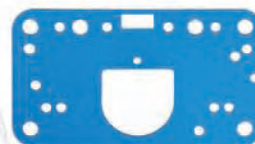
## Gasket Assortments

QuickService – Non-stick (includes 8 nylon bowl screw gaskets)

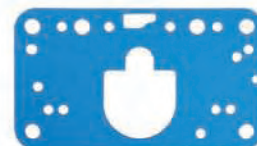
Part #	Gaskets (Quantities)
8-200	8-129 (2), 8-134 (2): fits dual pump-style carburetors
8-201	8-129 (1), 8-130 (1), 8-134 (1): fits 4 BBLs. with secondary metering plate
8-202	8-131 (1), 8-130 (1), 8-134 (1): fits ACC Pump transfer tube & sec. metering plate
8-203	8-134 (2), 8-136 (2): fits large flange carburetors with 3 circuit metering
8-204	8-134 (1), 8-129 (1): fits modular 2 BBL includes only 4 nylon bowl screw gaskets
8-205	8-134 (2), 8-139 (2): fits racing 4 BBL, except 3 circuit carburetor.
8-206	8-134 (2), 8-146 (2): fits square flange carburetors with 3 circuit metering

Service Kit – Non-stick (includes 30 standard bowl screw gaskets)

Part #	Gaskets (Quantities)
8-2000	8-129 (5), 8-134 (5): fits dual pump-style carburetors
8-2003	8-134 (5), 8-136 (5): fits large flange carburetors with 3 circuit metering
8-2005	8-134 (5), 8-139 (5): fits racing 4 BBLs. Except 3 circuit carburetors
8-2006	8-134 (5), 8-146 (5): fits special square flange carburetors with 3 circuit metering



8-129



8-131



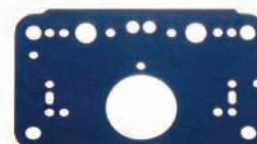
8-136



8-139



8-146



8-150

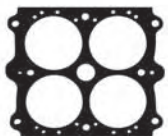
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# Gaskets



8-51



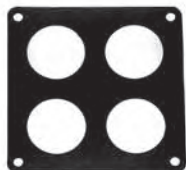
8-63



8-100  
8-1100



8-105  
8-1105



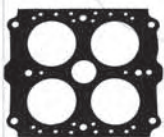
8-103 & 8-1103  
8-106 & 8-1106



8-108



8-52



8-60



8-101  
8-1101



8-102  
8-1102



8-104  
8-1104

## Gasket, Throttle Body, 2 BBL

Part #	Description
8-51	2 BBL, List 7448; 1 ea.
8-52	2 BBL, List 4412; 1 ea.
8-65	2 BBL, 3x2 end carburetors; 1-3/4" bores; 2 ea.

## Gasket, Throttle Body, 4 BBL

Part #	Description
8-60	1-7/16" x 1-7/16"; 1 ea.
8-61	1-1/2" x 1-1/2"; 1 ea.
8-62	1-9/16" x 1-9/16"; 1 ea.
8-63	1-11/16" x 1-11/16"; 1 ea.
8-64	1-3/4" x 1-3/4"; 1 ea.

## Gasket, Flange, 4412 2 BBL

Part #	Description
8-100	1-11/16" bores, 1/16" thick, standard replacement
8-1100	1-11/16" bores, 1/16" thick, non-stick

## Gasket, Flange, 7448 2 BBL

Part #	Description
8-101	1-1/2", 1/16" thick, standard replacement
8-1101	1-1/2", 1/16" thick, non-stick

## Gasket, Square Flange

Part #	Description
8-105	4-hole design, 1/16" thick, standard replacement
8-1105	4-hole design, 1/16" thick, non-stick
8-102	Open-hole design, 1/16" thick, standard replacement
8-1102	Open-hole design, 1/16" thick, non-stick
8-108	Open-hole design, 21/64" thick, heat insulator, with stud grommets

## Gasket, Large Flange

Part #	Description
8-103	4-hole design, 1/16" thick, standard replacement
8-1103	4-hole design, 1/16" thick, non-stick
8-104	Open-hole design, 1/16" thick, standard replacement
8-1104	Open-hole design, 1/16" thick, non-stick
8-106	4-hole design, 1/16" thick for 1250 CFM (2.125" bore)
8-1106	4-hole design, 1/16" thick, non-stick for 1250 CFM (2.125" bore)
8-107	4-hole design, 1/16" thick for 1450 CFM (2.250" bore)
8-1107	4-hole design, 1/16" thick, non-stick for 1450 CFM (2.250" bore)

All gasket images are for reference only and may not represent actual product and/or color





## Performance Kits-Non-Stick Gaskets

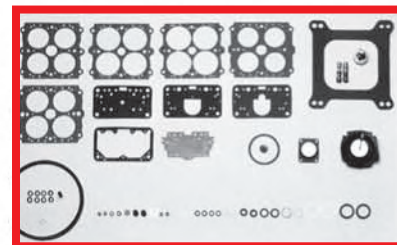
All gasket images are for reference only and may not represent actual product and/or color

Part #	Description
3-200	Fits vacuum secondary carburetors (390-850 CFM), also fits Road Demon Jr.™, Road Demon™, vacuum secondary Speed Demon™. Replace Barry Grant® kit, P/N 190003 and Holley® kits, P/Ns 37-119, 37-720, 37-754 and 37-1542
3-2000	Fits vacuum secondary carburetors (390-600 CFM only), with standard metering block gasket. "Service Kit"
3-2001	Fits vacuum secondary carburetors (390-600 CFM only), with accelerator pump transfer tube. "Service Kit"
3-2002	Fits vacuum secondary carburetors (750 CFM only): 3310-2, 3, 4, 5, 6, 7, etc. "Service Kit"
3-2003	Fits mechanical secondary "Center Squirter" carbs, List 4223 & 4224, non-stick gaskets, "Service Kit"
3-201	Fits 2 BBL carburetors such as 4412 and 7448
3-202	Fits mechanical secondary carburetors, such as: PROFORM® mechanical secondary, mechanical Street Demon™ and Mighty Demon™. Replaces Barry Grant® kit, P/N 190004 and Holley® kits 37-485 and 37-1544
3-203	Fits large flange racing carburetors such as QFX, 4575, 6464, 7320, 8896, 9375, 9377, 80186 and 80532, also fits the King Demon™ carburetor. Replaces Barry Grant® kit, P/N 190005
3-204	Fits mechanical secondary, alcohol carburetors Also all QFT™ "Q" and "P" series alcohol carburetors and alcohol Demon™ carburetors. Replaces Barry Grant® kit, P/N 19007
3-205	Fits Racing series carburetors such as 80496, 80509, 80511, 80512, 80513, 80514, 80519 and 80541, also PROFORM® 850 and 950 carburetors, Race/RS Demon™ carburetors and QFT™ "P" and "Q" series 850, 950 and 1050 CFM carburetors
3-206	Fits Holley® spread bore carbs, (mechanical & vacuum secondary), 650 & 800 CFM, non-stick gaskets
3-207	Fits Holley® model 4500 alcohol carbs, non-stick gaskets
<b>NEW</b> 3-208	Fits E85 & alcohol QFT™, Holley®, and most Demon® style carburetors
3-210	QuickService kit for 2 & 4 BBL including Racing series. Provides additional gasket quantities, in addition to other critical components, for on-going carburetor service, or track servicing
3-213	QuickService kit for 3-circuit, square flange racing carburetors. Provide additional gasket quantities, in addition to other critical components, for on-going carburetor service, or track servicing

## Super Kits-Non-stick Gaskets

Part #	Description
3-300	Fits most 390, 450, 600, 750 and 850 CFM vacuum secondary carburetors
3-301	Fits 2 BBL carburetors such as 4412 and 7448
3-301C	Chevrolet / Chrysler 3x2 (center carburetor)
3-301E	Chevrolet / Chrysler 3x2 (outboard carburetors)
3-302	Fits most mechanical secondary carburetors, such as: 4776, 4777, 4778, 4779, 4780, 4781, 8156, 8162, 9379, 9380.
3-303	Fits large flange Racing Carburetors such as 4575, 6464 & 7320
3-304	Fits mechanical secondary alcohol carburetors such as 9645, 9646 & 80498
3-305	Fits Racing series carburetors such as 80496, 80497, 80511, 80512, 80513, 80514 and 80519

## Gaskets

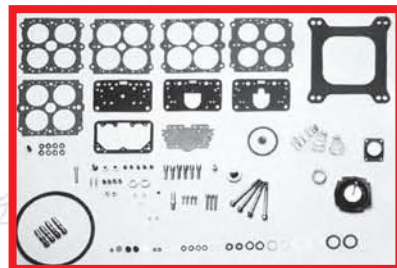


### Non-Stick

Performance rebuild kits contain only the finest components that meet or exceed O.E.M. specifications. All kits feature ISO- 9000 machined needle and seat assemblies and accelerator pump diaphragms. Precision die-cut gaskets feature nylon inlet nut and bowl screw gaskets.



3-2000



### Super Kits

We have taken the Non-Stick kit and added all the screws, fasteners, and springs for a complete overhaul to give your carburetor that new look and feel. This will give you a better performance with a better adjustment to float level, idle needles and speed screw.



3-301

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## Transition Blend Carburetor Spacers

Common knowledge and experience tells us that open spacers help top-end power and four-hole spacers help mid-range power. Now, the best of both worlds have been merged into one. The unique transitional blend from the four-hole ports at the base of the carburetor to the open plenum of the intake manifold has provided tangible gains in both mid-range and high RPM power. A range of part numbers is available for a full range of applications.



300-4412-1A



300-4145-1AL



300-4150



300-4500-1C



300-4500-R

Part #	Description
300-4412-1A	2 BBL To square flange/ Q-jet/Thermo-Quad 4 BBL adjustable adapter/spacer, 1" height, aluminum
300-4150-1	Square flange 4 BBL, 1" height, PVC
300-4150-1AL	Square flange 4 BBL, 1" height, aluminum
300-4150-1S	Square flange 4 BBL, 1" height, dual plane intake design, aluminum
300-4150-2	Square flange 4 BBL, 2" height, PVC
300-4145-1AL	For QFT™ P, Q, and RQ-Series carburetors with a dual flange bolt pattern. Designed for a smooth entry to large flange intakes, aluminum.

**(THIS IS NOT AN ADAPTER, SPACER IS DRILLED FOR LARGE FLANGE BOLT PATTERN ONLY.)**

Part #	Description
300-4150	Changeable insert spacer. Using a large open base, you can find the ideal spacer configuration for your application. This kit includes an open insert, 4 hole insert and a 4 hole transition blend to open.

Part #	Description
300-4000	1/2" Phenolic open spacer w/longer mounting studs
300-4004	1/2" Phenolic 4 hole spacer w/longer mounting studs
300-4500-1	Large flange, 1" height, PVC
300-4500-1C	Large flange, 1" height, PVC cloverleaf
300-4500-1AL	Large flange, 1" height, aluminum
300-4500-2	Large flange, 2" height, PVC
300-4500-2AL	Large flange, 2" height, aluminum
300-4512-1C	Large flange, 1" height, PVC cloverleaf
300-4500-S	Large flange shear plate, 2.00" throttle bore
300-4500-S2	Large flange shear plate, 2.125" throttle bore
300-4500-S3	Large flange shear plate, 2.250" throttle bore
300-4500-R	Large flange anti reversion, 2.00" throttle bore
300-4500-R2	Large flange anti reversion, 2.125" throttle bore
300-4500-R3	Large flange anti reversion, 2.250" throttle bore
300-2500-R	Anti-Reversion Plate Split 2.000" Bore
300-2500-2R	Anti-Reversion Plate Split 2.125" Bore
300-2500-3R	Anti-Reversion Plate Split 2.250" Bore
300-2500-S	Shear Plate Split 2.000" Bore
300-2500-S2	Shear Plate Split 2.125" Bore
300-2500-S3	Shear Plate Split 2.250" Bore





## Air Bells

Part #	Description
200-1	5-1/8" SAE air cleaner flange. Used to seal conventional 4 BBL carburetor to hood scoop. I.D. 5 1/8", O.D. 10 5/8", height 1 13/16"
200-2	7-3/8 air cleaner flange. Used to seal Big Bore racing carburetors to hood scoop. I.D. 7 3/8", O.D. 12 13/16", height 1 11/16"



## Valve Cover Parts Breather Clamp, Billet

Part #	Description
100-1	Billet breather clamp

A positive valve cover breather retainer system is required by some sanctioning associations. However, this is a highly-recommended safety item for any high performance engine. An O-ring seals the unit to the top of the valve cover. The low-profile design should clear all valve train components and girdles.



## Oil Filler, Billet

Part #	Description
100-3	Billet oil filler

Utilizes O-ring sealing, both on the top of the valve cover as well as the fill cap itself. This is also a quick and easy way to allow crankcase vapors escape between runs (for alcohol-fueled engines).



## Evacuation Body, Billet

Part #	Description
100-2	Billet evacuation body

This positive-retention body enables the plumbing of your own crank-case evacuation system using AN lines. The center section of the body is tapped to fit a standard # 12 AN thread. The recommended approach is to use a O-ring # 12 AN boss-to-male 37° to facilitate the AN line routing.



## Specialty Tools

Part #	Description
36-469	QuickChange jet driver
36-443	Carburetor float adjustment tool
36-454	Power valve tool



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# Merchandise



36-102W

## T-Shirt

Part #	Description
36-102W	White custom T-Shirt, QFT™ logo on front awesome graphics illustrating our QFX Series carburetor on back. Specify size: Medium (M), Large (L), Extra Large (XL), Extra-Extra Large (XXL).
36-102B	Same as above in black.

## Hats

Part #	Description
36-200	Black / Red; QFT™ Sport Hat Size: universal / adjustable
36-201	Tan QFT™ Sport Hat Size: universal / adjustable



36-200



36-201

## Decals

Part #	Description
36-300	Contingency size (10-9/16" X 3-7/16")
36-301	Fuel bowl size (Identify Fuel Bowl Model; call for available decal colors)



36-300





## Racer Contingency Programs

Quick Fuel Technology is proud of our continuing racer support programs, in specific, our contingency partner programs with the National Hot Rod Association, National Muscle Car Association and the National Mustang Racing Association. We are pleased to be the 2011 title sponsor of the Quick Fuel Technology NMCA Muscle Car Nationals. We support all NHRA national events look for our presence on each midway on the Hyatt Racing Services trailer. This provides racers with technical services, retail parts and fuel system products. We offer the same valuable technical and retail services at many NMRA & NMCA events plus a number of other race and hot rodding events. Look for the Innovators in Fuel Systems at a performance automotive event near you.

Our contingency programs for the 2011 season include the following classes by sanctioning body:

**NHRA** – Approved carburetors in NHRA Full Throttle Drag Racing Series, Lucas Oil Drag Racing Series and the Sportsnationals events. Classes include; Pro Stock, Competition Eliminator, Super Gas, Super Comp, Super Stock, Stock, Super Street, Top Sportsman, Top Dragster.

Paid to winner & runner up of each class

**NMRA** – Approved carburetors in Pro Outlaw 10.5, Super Street Outlaw, Hot Street, Drag Radial, Real Street, Pure Street, Open Comp, Truck & Lightening.

Paid to winner & runner up of each class

**NMCA** – Approved carburetors in Pro Street, Super Street Outlaw 10.5, Nostalgia Pro Street, Xtreme Street, Pro Stock, Mean Street, Street Radial, Nostalgia Super Stock, Nostalgia Muscle Car, Open Comp.

Paid to winner & runner up of each class.

It is each racer's responsibility to check their specific class and sanctioning body guidelines to determine the amount paid for win or runner up. To make a claim the appropriate Quick Fuel Technology contingency decal must be on both sides of the car and the product must be in place the entire race.



Innovators in Fuel Systems







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TECHNOLOGY





***ProvenPower***



***"Innovators in Fuel Systems"***



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