



2014



Innovators in Fuel Systems



EVOLUTION OF INNOVATION

1997

Quick Fuel Technology™ was founded to address a void in the carburetor market. QFT™ began manufacturing superior components for fellow modifiers.

2001

The Q-Series was launched and started a trend of innovation that still continues today at QFT™. The Professional Series was introduced utilizing Super Duty® aluminum fuel bowls, billet aluminum metering blocks, and race-only calibration.

2002

QFT™ expanded the Q-Series into larger CFM's including 850, 950, and 1050 while adding standard billet aluminum throttle body.

2003

Billet metering blocks were added to the Q-Series making them the most valuable performance carburetor available.

2005

PTFE throttle shafts were added to all QFT™ carburetors further increasing the durability and longevity of our throttle bodies.

2006

QFT™ introduced a new lightweight aluminum fuel bowl. This new fuel bowl featured dual sight glass, dual fuel inlets, and improved fuel flow passages.

2007

The SS-Series is introduced for the street market using an all new aluminum main body combined with billet metering blocks and a billet throttle body.

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 accepted 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 its place as a premier supplier in the marketplace. The SSR-780-VS is accepted for NHRA Stock and Super Stock competition.

2011

The M-Series is launched as a contemporary series of carburetors for the performance marine market. Introduced a 175 GPH billet electric fuel pump with internal bypass and a provision for a fuel pressure gauge. The SSR-850 is now accepted for NHRA Stock and Super Stock competition.

2012

With the addition of the new Slayer Series carburetors, QFT™ expanded its reach with race proven technology for the street. Black Diamond™ Series carburetors were introduced that combine enhanced durability and protection with a unique black satin finish. Also, a large capacity, billet aluminum, dual inlet needle & seat fuel bowl was introduced for high horsepower, alcohol, and blow-thru applications.

2013

QFT™ introduced its new line of high flow, performance fuel pumps rated at 230, 260, 300 and 400 GPH. Also added a billet 2-port and 4-port regulator along with inline and canister style fuel filters.

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QFT™ CARBURETOR SERIES FEATURES

SLAYER SERIES: STREET

- Vacuum secondary models
- Changeable idle air and high speed bleeds
- Sight glass window for quick float adjustment
- 3-stage emulsion primary metering block
- QuickSet™ vacuum secondary adjustment

HR-SERIES: STREET

- Available with vacuum or mechanical secondary
- Changeable idle air and high speed bleeds
- Changeable idle feed and power valve channel restrictions
- Sight glass window for quick float adjustment
- 4 corner idle adjustment
- QuickSet™ vacuum secondary adjustment

SS-SERIES: STREET/STRIP

- Available with vacuum or mechanical secondary
- Changeable idle air and high speed bleeds
- Dual sight glass windows for quick float adjustment (Mechanical secondary models only)
- Billet metering blocks with changeable idle feed and power valve channel restrictions
- Notched secondary floats with jet extensions
- Slabbed throttle shafts with PTFE bearing ribbons with stainless steel plates
- 4 corner idle adjustment
- Select models available with Black Diamond™ coating

Q-SERIES: DRAG RACE & CIRCLE TRACK

- Available with vacuum or mechanical secondary
- Available Gas, Methanol or E-85 fuels
- QFT™ Fuel bowls with dual threaded inlets
- Dual sight glass windows for quick float adjustment (Mechanical secondary models only)
- Changeable idle air and high speed bleeds
- Billet metering blocks with changeable idle feed and power valve channel restrictions
- Slabbed throttle shafts with PTFE bearing ribbons with stainless steel plates
- 4 corner idle adjustment
- Select models available with Black Diamond™ coating

RACE-Q-SERIES: HARD CORE DRAG RACE

- Billet throttle body fits 4150 & 4500 style bolt pattern manifolds
- QFT™ Fuel bowls feature quick change jet port allowing jet changes without removing fuel bowls
- Changeable idle air and high speed bleeds
- Dual sight glass windows for quick float adjustment
- Slabbed throttle shafts with PTFE bearing ribbons with stainless steel plates
- Billet metering blocks with changeable emulsion, idle feed and power valve channel restrictions

P-SERIES: CIRCLE TRACK

- Super Duty Throttle body fits 4150 & 4500 style bolt pattern manifolds
- Fuel bowls have internal baffles reducing fuel slosh in hard cornering
- Fuel chute reduces aeration and directs fuel to the main jet pickup area
- Slabbed throttle shafts with PTFE bearing ribbons with stainless steel plates
- Changeable idle air and high speed bleeds
- Changeable emulsion, idle feed, and power valve channel restrictions

DFX-SERIES: DRAG RACE SPECIFIC - LARGE FLANGE

- QFT™ Engineered patented main body with lengthened venturi
- Available in Gas, Methanol, or E-85 fuels
- Gas annular boosters have 12 discharge holes
- CNC 3 circuit metering blocks (Except FX-4750 & FX-4700-A)
- Changeable emulsion, idle feed, intermediate feed & discharge
- Slabbed throttle shafts with external linkage
- Select models available with Black Diamond™ coating

M-SERIES: MARINE SPECIFIC CARBURETORS

- Sight glass windows for quick float adjustment
- Billet metering blocks with changeable idle feed and power valve channel restrictions
- Changeable idle air and high speed bleeds
- Throttle shafts with PTFE bearing ribbons with stainless steel plates
- J tubes to prevent spillage
- Black Diamond™ coating standard

CARBURETOR USE GUIDE

CARBURETOR USE GUIDELINES

Keep in mind these are carburetor guidelines meant to inform. Drag race, Circle track, Street strip, Hot rod, Marine, Forced induction, Gasoline, Methanol, E-85

Carb Series	Engineered Use	Cam @ 0.050	Initial Timing	Trans Type	Stall	Suggested Additional Components
QFX-Series	Drag race	0.260 or More	20 Plus or Locked	Automatic or Manual	>4500	Single plane intake, headers, race ported heads, high compression
Race-Q-Series	Drag race	0.240 or more	20 plus or locked	Automatic or Manual	>4500	Single plane intake, headers, race ported heads, high compression
Q-Series	Drag race, Circle track, Forced induction	0.240 or more	18 plus	Automatic or Manual	>4000	Single plane intake, headers, race ported heads, high compression
P-Series	Professional Circle track	0.240 or more	18 plus	Automatic or Manual	>4000	Single plane intake, headers, race ported heads, high compression
SS-Series Vacuum secondary Mechanical secondary	Street/Strip	0.240 or less	14-18	Automatic or Manual	<3500	Single or dual plane intake, headers, aftermarket heads
SSR-Series Gauge Rule	Drag race and Circle track	As required		As required		As required
HR-Series Vacuum secondary Mechanical secondary	Street/Strip	0.220 or less	0.220 or less	Automatic or Manual	<2000	Dual plane intake, headers
Slayer Series	Street	Stock	Stock Or Manual	Automatic	<2000	Dual plane intake





BLACK DIAMOND™ SERIES

HIGH PERFORMANCE CARBURETOR COATING TECHNOLOGY FOR THE STREET AND STRIP

Quick Fuel Technology introduces a highly durable PTFE coating that is formulated specifically for the unique requirements of carburetors. The coating is applied by NitroPlate®, an industry leader in high temperature coatings, on select SS-Series, Q-Series, and QFX-Series carburetors for QFT™. This proprietary coating is oven cured and provides protection up to 600 degrees.



QFT's Black Diamond™ Series carburetors offer a combination of form and function that is unsurpassed in the marketplace. From street rod and street machine to drag race applications, the Black Diamond coating provides a superior satin black finish that cleans easily and retains its appearance longer than competitor coatings. Not only does the Black Diamond™ coating offer exceptional good looks, it actually reduces fuel temperature in the fuel bowl for superior performance. The coating lowers vapor pressure and helps to reduce stumbling which is ideal for street cars.

Key Features

- Highly durable finish, impact and scratch resistant
- Impervious to virtually all under hood chemicals and fuels
- Reduces fuel temperature by 6% based on thermal testing* for improved performance
- Highly corrosion resistant – Important for marine, coastal, and harsh environments
- Finish retains its original appearance longer than other available coatings
- Aids in appearance, sheds dirt, and cleans easily
- Satin black finish for showroom appearance



* Based on thermal testing performed by Servitech Industries, Inc. / NitroPlate®.

BLACK DIAMOND™ SERIES

NEW BLACK DIAMOND 1957

Part #	CFM	Description
BD-1957	600	1.312" venturi, 1-9/16" throttle bore, electric choke, single inlet, side hung bowls Secondary metering plate w/changeable jets Vacuum secondaries with QuickSet™ adjustment Changeable idle air and high speed bleeds Ford A/T kickdown linkage included

NEW SS-SERIES

MECHANICAL SECONDARY MODELS

Part #	CFM	Description
BD-650	650	1.312" venturi, 1-11/16" throttle bore, electric choke, dual sight glass windows
BD-750	750	1.375" venturi, 1-11/16" throttle bore, electric choke, dual sight glass windows
BD-830	830	1.450" x 1.560" venturi, 1-3/4" throttle bore, electric choke, dual sight glass windows
BD-850	850	1.560" venturi, 1-3/4" throttle bore, electric choke, dual sight glass windows

NEW SS-SERIES

VACUUM SECONDARY MODELS

Part #	CFM	Description
BD-680-VS	680	1.312" venturi, 1-11/16" throttle bore, electric choke, single sight glass window
BD-780-VS	780	1.375" x 1.437" venturi, 1-11/16" throttle bore, electric choke, single sight glass window

NEW Q-SERIES

MECHANICAL SECONDARY MODELS

Part #	CFM	Description
BDQ-650	650	1.250" venturi, 1-11/16" throttle bore, Drag race, gasoline
BDQ-750	750	1.390" venturi, 1-11/16" throttle bore, Drag race, gasoline
BDQ-850	850	1.390" venturi, 1-3/4" throttle bore, Drag race, gasoline
BDQ-950	950	1.450" venturi, 1-3/4" throttle bore, Drag race, gasoline

NEW QFX-SERIES

Part #	CFM	Description
BFX-4700	1050	1.710" venturi, 2.000" throttle bore, Street/Strip, gasoline, 2 circuit with primary power valve
BFX-4710	1050	1.710" venturi, 2.000" throttle bore, Drag race, gasoline, 3 circuit
BFX-4711	1150	1.800" venturi, 2.000" throttle bore, Drag race, gasoline, 3 circuit
BFX-4712	1250	1.900" venturi, 2.125" throttle bore, Drag race, gasoline, 3 circuit



BFX-4710



BD-1957



BD-780-VS



BDQ-650



750 CFM

Part #	Description
FX-4750	Street, gasoline, #6AN, 750 CFM bell boosters, 2 circuit metering

1050 CFM

Part #	Description
FX-4700	Street Strip, 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, methanol, #8AN, 1.710" venturi
FX-4710-E85	Drag race, E-85 Fuel, #6AN, 1.710" venturi
FX-4710-1TS	Drag race, throttle stop gasoline, #6AN, 1.750" 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, methanol, #8AN, 1.800" venturi
FX-4711-E85	NEW Drag race, E-85 Fuel, #6AN, 1.800" venturi

1250 CFM

Part #	Description
FX-4712	Drag race, gasoline, #6AN, 1.900" venturi, 2.125" throttle bore
FX-4712-2	Drag race, same as above for 2 X 4 applications
FX-4712-TS	Drag race, throttle stop gasoline, #6AN, 1.900" venturi, 2.125" throttle bore
FX-4712-A	Drag race, methanol, #8AN, 1.900" venturi, 2.25" throttle bore

1450 CFM

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

SPLITS

Part #	Description
FX-2710	Based on FX-4710 cut in half, 1.710" venturi
FX-2711	Based on FX-4711 cut in half, 1.800" venturi
FX-2712	Based on FX-4712 cut in half, 1.900" venturi
FX-2714	Based on FX-4714 cut in half, 2.000" venturi

Split carburetors use a 5.38" x 2.75" bolt pattern
LARGER CUSTOM SIZES AVAILABLE



PRECISION FLOW ALUMINUM MAIN BODY

The all new 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 CNC machined throttle bores of 2.000", 2.125", 2.250".

ANNULAR BOOSTER VENTURI

The annular booster venturi are precision flow die cast with CNC machined billet aluminum inserts. Far superior to the standard castings, this billet venturi has a much smoother and refined air entry and exit for increased flow, stronger signal, and less turbulence which improves 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 25 for annular booster kits.

BILLET METERING BLOCK

QFX carburetors feature the most adjustable metering block available. CNC-machined from billet aluminum featuring three-circuit metering (gasoline carburetors), changeable emulsion, idle feed and intermediate feed and discharge. Methanol carburetors also feature a billet metering block, dedicated for methanol use, utilizing 5/16" x main jets. See pages 21 & 22 Metering Components.

QFT™ FUEL BOWL

The QFT™ aluminum fuel bowl is unique combining strength with a significant weight reduction. The QFT™ aluminum fuel bowls feature dual threaded fuel inlets and dual sight windows 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 29 for Molded Floats. All QFX-Series large flange carburetors have the QFT™ 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, Medium Progressive 40% primary throttle opening, Full Progressive 50% primary throttle opening, 1:1 Primary & secondary open together.



RACE-Q-SERIES



RQ-750



650 CFM

Part #
RQ-650

Description
Drag race, gasoline

750 CFM

Part #
RQ-750
RQ-750-AN

Description
Drag race, gasoline
Drag race, annular boosters

850 CFM

Part #
RQ-850
RQ-850-AN

Description
Drag race, gasoline
Drag race, annular boosters

950 CFM

Part #
RQ-950
RQ-950-AN

Description
Drag race, gasoline
Drag race, annular boosters

1050 CFM

Part #
RQ-1050
RQ-1050-AN
RQ-1050-3
RQ-1050-3AN

Description
Drag race, gasoline
Drag race, gasoline, annular boosters
Drag race, gasoline, 3 circuit
Drag race, 3 circuit, annular boosters

All Race-Q carburetors are supplied with a quick change jet screw driver part# 36-469



RQ-850



RQ-950



36-469

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. See pages 21 & 22 Metering Components.

BILLET THROTTLE BODY

QFT™ throttle bodies are CNC-machined to exacting tolerances and provide exceptional strength. All Race-Q throttle bodies feature the 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 33 for Throttle Body and Parts.

QFT™ FUEL BOWL

The QFT™ aluminum fuel bowl is unique combining strength with a significant weight reduction. QFT™ 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 quick change jet port allowing the user to make jet changes without removing the fuel bowl. QFT™ fuel bowls have a design patent no. D543,99S.





™ Q-SERIES CARBURETORS

HIGH FLOW MAIN BODY

QFT™ die cast main aluminum main body is tumble polished and feature recessed 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 pages 21 & 22 for Metering Components.

BILLET THROTTLE BODY

QFT™ throttle bodies are CNC-machined to strict tolerances and provide exceptional precision and strength. Slabbed, PTFE coated 4150-style throttle shafts are assembled with PTFE ribbons for years of smooth operation.

See page 33 for Throttle Body and Parts.

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 QFT™ vacuum secondary carburetors feature QFT™ adjustable QuickSet™ diaphragm housing. Adjusting the rate of opening on vacuum carburetors is as simple as turning a screw. See page 35 for 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 (Except vacuum secondary models). Dedicated floats for specific applications ensure optimum carburetor performance characteristics without additional upgrades. QFT™ fuel bowls are assigned U.S. patent number D543,999 & D543,555. See page 29 for Molded Floats.

* 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.



Innovators in Fuel Systems

Q-SERIES CARBURETORS



CIRCLE TRACK

Part #	Description
Q-650-CT	650 CFM Circle track, gasoline
Q-650-CTA	650 CFM Circle track, alcohol
Q-750-ANCT	750 CFM Circle track, gasoline, annular boosters
Q-750-CT	750 CFM Circle track, gasoline
Q-750-CTA	750 CFM Circle track, alcohol
Q-750-E85CT	750 CFM Circle track, E85 fuel
Q-750-PVCT	750 CFM Circle track, gasoline, vacuum secondary
Q-850-ANCT	850 CFM Circle track, gasoline, annular boosters
Q-850-CT	850 CFM Circle track, gasoline
Q-850-CTA	850 CFM Circle track, alcohol
Q-850-PVCT	850 CFM Circle track, gasoline, vacuum secondary
Q-950-ANCT	950 CFM Circle track, gasoline, annular boosters
Q-950-CT	950 CFM Circle track, gasoline
Q-950-CTA	950 CFM Circle track, alcohol
Q-1000-CT	1000 CFM Circle Track, gasoline
Q-1050-ANCT	1050 CFM Circle track, gasoline, annular boosters
Q-1050-CT	1050 CFM Circle track, gasoline
Q-1050-CTA	1050 CFM Circle track, alcohol



Q-950-CT

DRAG RACE

Part #	Description
Q-650*	650 CFM Drag race, gasoline
Q-650-2	650 CFM Drag race, gasoline, 2X4
Q-650-A	650 CFM Drag race, alcohol
Q-650-PV*	650 CFM Drag race, gasoline, vacuum secondary
Q-750*	750 CFM Drag race, gasoline
Q-750-2	750 CFM Drag race, gasoline, 2X4
Q-750-A	750 CFM Drag race, alcohol
Q-750-AN*	750 CFM Drag race, gasoline, annular boosters
Q-750-E85*	750 CFM Drag race, E-85 fuel
Q-750-PV*	750 CFM Drag race, gasoline, vacuum secondary
Q-850*	850 CFM Drag race, gasoline
Q-850-2	850 CFM Drag race, gasoline, 2X4
Q-850-A	850 CFM Drag race, alcohol
Q-850-AN*	850 CFM Drag race, gasoline, annular boosters
Q-850-E85*	850 CFM Drag race, E85 fuel
Q-850-PV*	850 CFM Drag race, gasoline, vacuum secondary
Q-950*	950 CFM Drag race, gasoline
Q-950-2	950 CFM Drag race, gasoline, 2X4
Q-950-A	950 CFM Drag race, alcohol
Q-950-AN*	950 CFM Drag race, gasoline, annular boosters
Q-950-E85*	950 CFM Drag race, E85 fuel
Q-1000	1000 CFM Drag race, gasoline
Q-1050*	1050 CFM Drag race, gasoline
Q-1050-2	1050 CFM Drag race, gasoline, 2X4
Q-1050-A	1050 CFM Drag race, alcohol
Q-1050-AN*	1050 CFM Drag race, gasoline, annular boosters
Q-1050-E85*	1050 CFM Drag race, E85 fuel



Q-750-A

FORCED INDUCTION

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



Q-750-BAN





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.

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 provides 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 pages 21 & 22 Metering Components.](#)

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 U.S. patent numbers: D456,818, D457,618, D456,451. [See page 33 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, D547,895, D457,896. [See page 28 for Super Duty Fuel Bowl kits.](#)

750 CFM

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

950 CFM

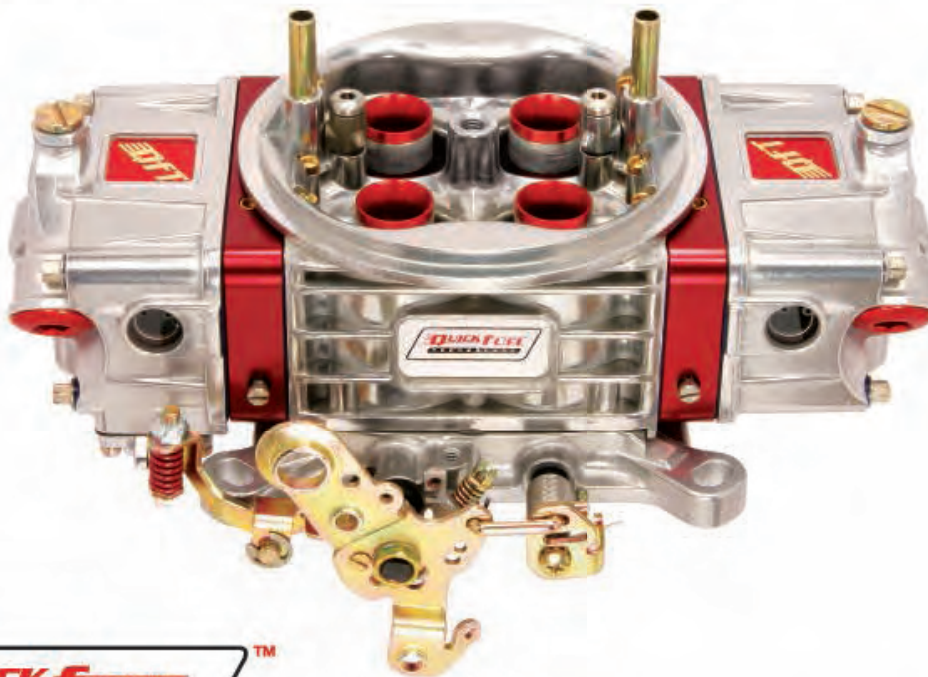
P-950-CT Circle track, gasoline
P-950-CTA Circle track, alcohol

850 CFM

P-850-ANCT Circle track, gasoline, annular boosters
P-850-CT Circle track, gasoline

1050 CFM

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



DRAG RACE AND CIRCLE TRACK CARBURETORS

These are the most purpose built QFT™ 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.

ALL SSR-Series carburetors are built to order and require vehicle and engine specifications.

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-780-M	780 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 SuperStock Classes

Part #	Description
SSR-585-VS	585 CFM QuickSet™ vacuum secondary for Stock and Super Stock; replacement for Holley® 1.250" primary, 1.313" secondary venturi 1 9/16" throttle bore 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
SSR-780-VS	780 CFM QuickSet™ vacuum secondary for Stock and Super Stock; replacement for Holley® 3310 1.375" primary, 1.437" secondary venturi, 1 11/16" throttle bore 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
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 Replaces list number 4296

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

CHECK WITH SANCTIONING BODY FOR LEGALITY



SSR-7556



SSR-780-VS



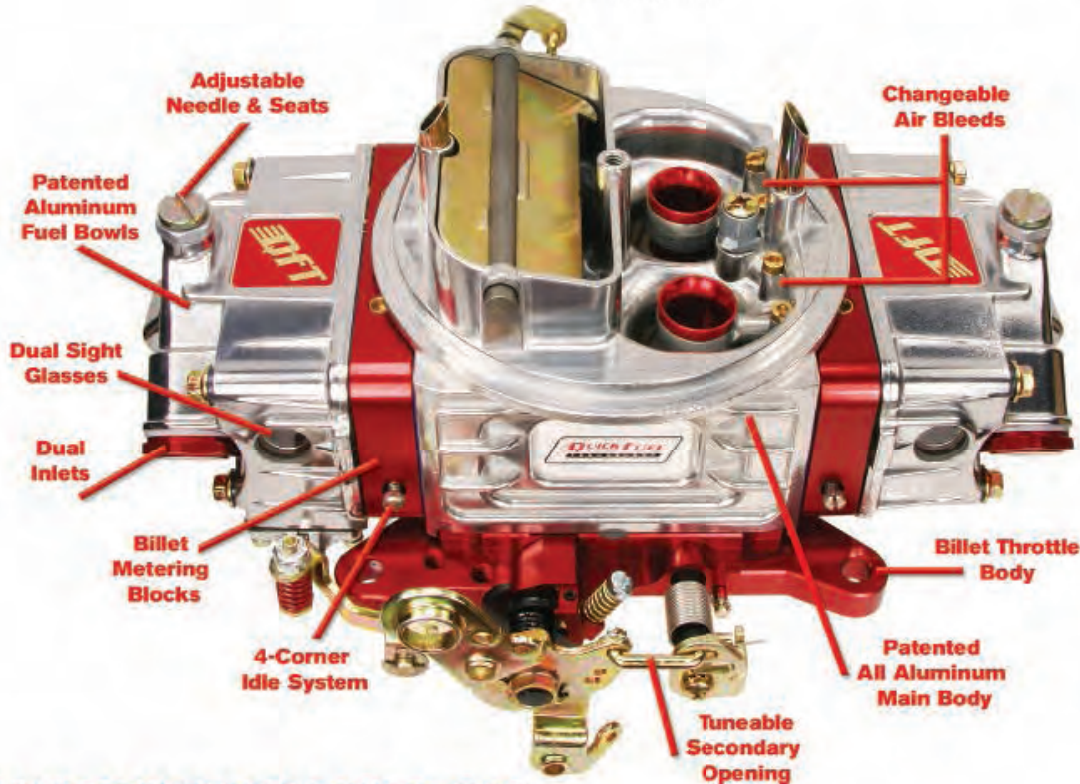
SSR-650-CT



SS-SERIES

COMMON FEATURES VACUUM & MECHANICAL SECONDARY

QFT™ Engineered all aluminum main body is assigned U.S. patent number D555,668. Equipped with electric chokes, changeable idle & high speed air bleeds for ultimate tuneability, and aluminum fuel bowls with sight glass windows. Additional features include billet metering blocks with changeable idle feed & power valve channel restrictions, billet throttle body, 4 Corner idle system, notched secondary floats, secondary jet extensions, and slabbed throttle shafts with PTFE bearing ribbons with stainless steel plates.



VACUUM SECONDARY 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

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 fits most air bonnet configurations)
SS-650-E85*	650 CFM elec. choke 1.312" venturi 1 11/16" throttle bore, E85 fuel only
SS-650-CTRR*	Circle Track Road Race 650 CFM 1.312" venturi, no choke 1 11/16" throttle bore
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



* 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. Domestic Vehicles Certified To Federal Standards And All Pre-1968 Foreign Vehicles, Per The Manufacturer's Applications Guide.

HOT ROD SERIES

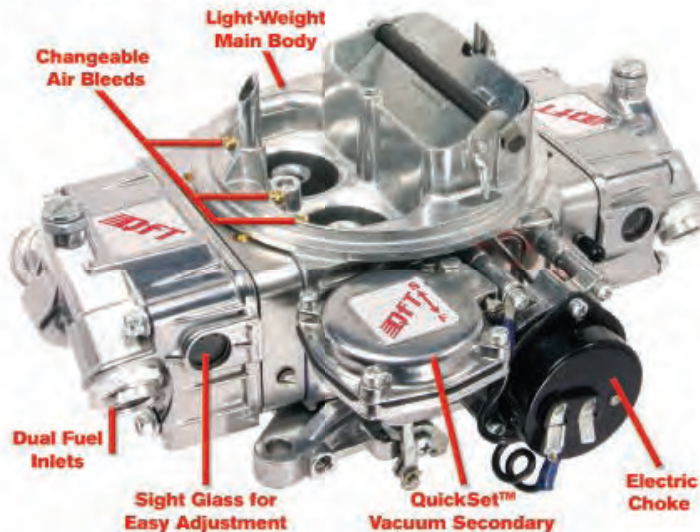
VACUUM SECONDARY MODELS:

Born from a QFT™ racing bloodline, the Hot Rod-Series is sure to please the pickiest of enthusiasts. Featuring die-cast aluminum components, lightweight, economical and great looking, with features like screw-in air bleeds, high speed bleeds, idle feed restrictions, power valve channel restrictions and 4-corner idle. Offered in several sizes, all models feature electric choke, dual metering blocks for added performance and built-in sight windows 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).

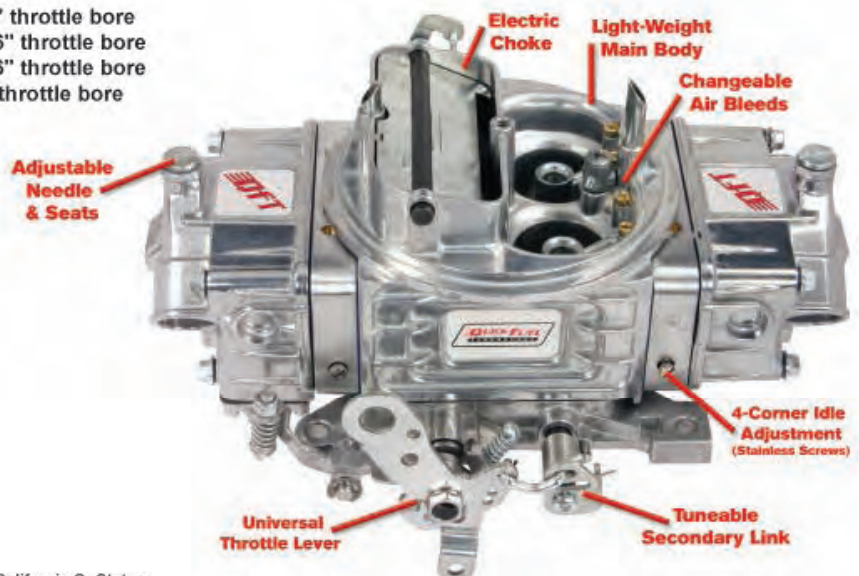
Part #	Description
HR-580-VS*	580 CFM 1.312" venturi 1 9/16" throttle bore
HR-680-VS*	680 CFM 1.312" venturi 1 11/16" throttle bore
HR-780-VS*	780 CFM 1.375" X 1.437" venturi 1 11/16" throttle bore



MECHANICAL SECONDARY MODELS:

Born from a noted QFT™ 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, high speed bleeds, idle feed restrictions, power valve channel restrictions, 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. Domestic Vehicles Certified To Federal Standards And All Pre-1968 Foreign Vehicles, Per The Manufacturer's Applications Guide.

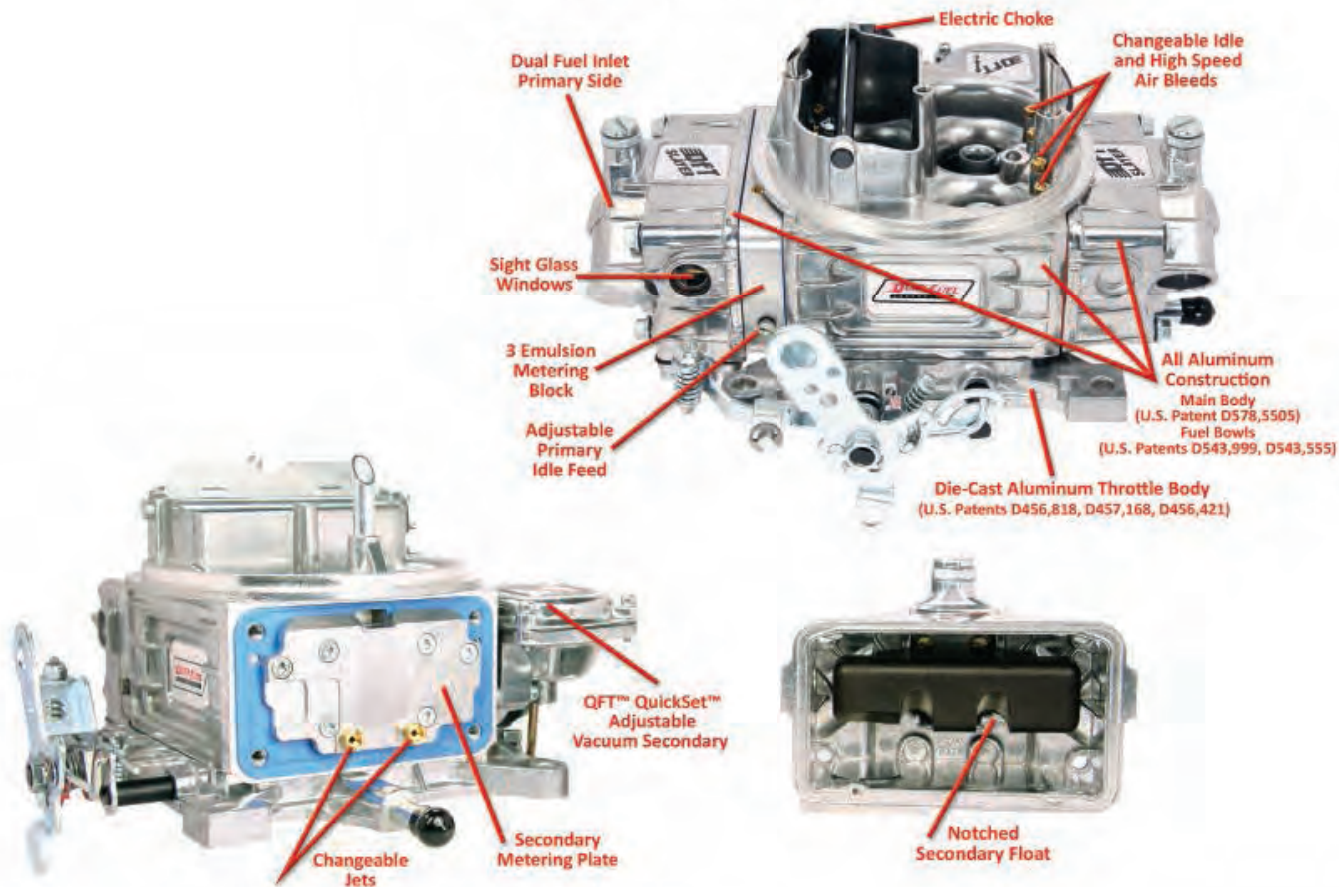




SLAYER[®]

SLAYER[®] CARBURETORS FOR THE STREET
COMMON RACE-PROVEN FEATURES IN ALL
QFT[™] SLAYER[®] CARBURETORS

- Available in 600 and 750 CFM sizes
- Lightweight aluminum construction
- QuickSet[™] vacuum secondary adjustment
- Fully adjustable electric choke
- Secondary metering plate with changeable jets
- Changeable idle air and high speed bleeds
- 3-stage emulsion circuits in primary metering block
- Changeable primary idle feed restrictions
- Changeable power valve channel restrictions
- Notched secondary float for use with jet extensions
- Built-in sight glass for easy float adjustment
- Models available with Ford kickdown lever



SLAYER[®] STREET CARBURETORS

Part #	CFM	Description
SL-600-VS	600	1.312" venturi, 1-9/16" throttle bore
SL-600-VSF	600	1.312" venturi, 1-9/16" throttle bore, with Ford Kickdown Lever
SL-750-VS	750	1.375" venturi, 1-11/16" throttle bore
SL-750-VSF	750	1.375" venturi, 1-11/16" throttle bore, with Ford Kickdown Lever

SL427 KIT FORD A/T KICKDOWN LEVER KIT

- Kickdown Return Spring Bracket
- Ford Kickdown Lever Spring
- 1/4-20 x 1/2" Screws
- 1/4" High Collar Lockwasher
- Snap Ring Retainer



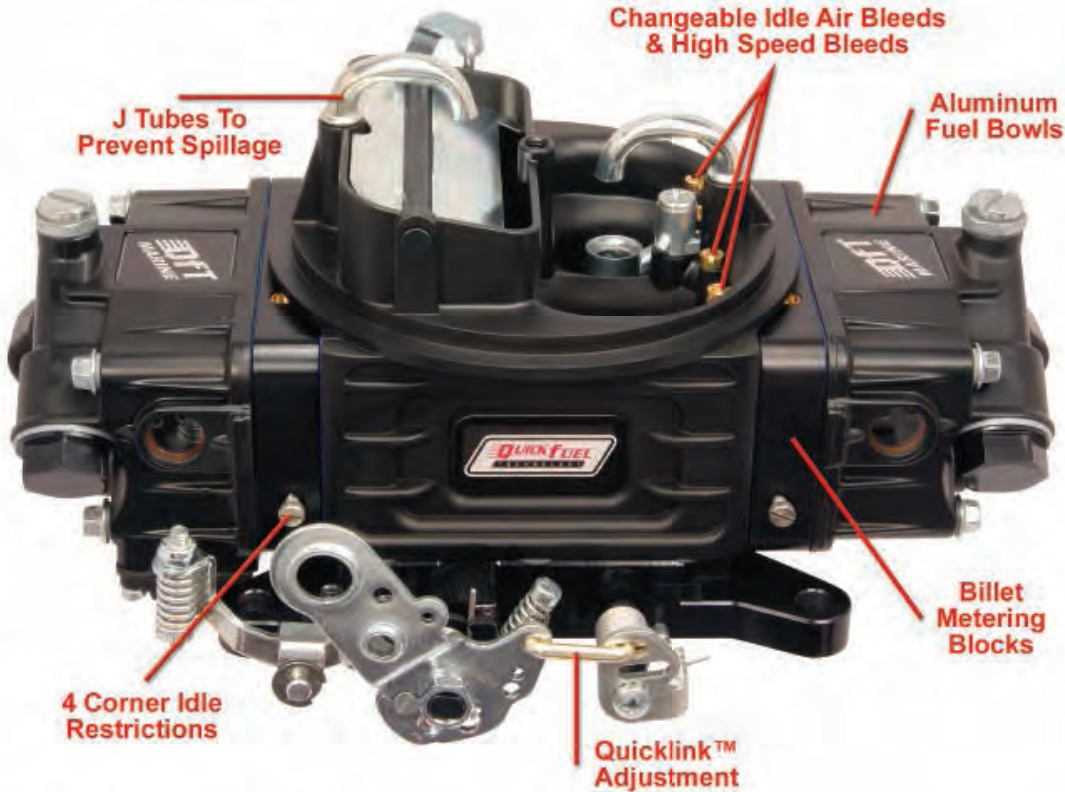
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QFT™ brings its racing heritage and engineering expertise to the marine performance enthusiast. The positive and smooth responses of the fuel system are vital to marine performance. Quick Fuel Technology is proud to offer their knowledge of positive fuel delivery to this exciting passionate market.

MARINE SERIES

COMMON FEATURES TO ALL QFT™ MARINE CARBURETORS

- Changeable idle air bleeds & high speed bleeds
- Billet metering blocks with changeable idle feed & power valve channel restrictions (Except M-600)
- Aluminum fuel bowls with sight glass windows
- Dual fuel inlets (Except M-600)
- PTFE coated shafts with PTFE bearing ribbons and stainless steel plates
- 4 corner idle adjustment (Except M-600)
- Black Diamond™ high temperature coating applied to main body & fuel bowls
- Quicklink™ secondary adjustment (Except M-600)
- J tubes to prevent spillage



PERFORMANCE MARINE CARBURETORS

Part #	Description
M-600	600 CFM electric choke, 1.312" venturi, 1 9/16" throttle bore, vacuum secondaries, single inlet, side hung fuel bowls
M-650	650 CFM electric choke, 1.312" venturi, 1 11/16" throttle bore, mechanical secondaries, down leg boosters
M-750	750 CFM electric choke, 1.375" venturi, 1 11/16" throttle bore, mechanical secondaries, down leg boosters
M-800	800 CFM electric choke, 1.375", 1.437" venturi, 1 11/16" throttle bore, mechanical secondaries, down leg boosters
M-850	850 CFM electric choke, 1.560" venturi, 1 3/4" throttle bore, mechanical secondaries, down leg boosters
M-850-B2	850 CFM marine blower, 2X4, 1.560" venturi, 1 3/4" throttle bore, mechanical secondaries, Down leg boosters
M-4710	1050 CFM QFX, #6AN, 1.710" venturi, with 2 circuit metering, mechanical secondaries, annular boosters



Although conversion from gasoline to methanol 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. For carburetors that use E85 ethanol fuel, you will require approximately 25 to 30 percent more fuel than gasoline. 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				

E-85 CARBURETORS

Part #	Description
SS-650-E85*	Specifically calibrated for E85 Fuel on the street (650 CFM)
Q-750-E85*	Q-Series with E85 calibration for drag racing (750 CFM)
Q-850-E85*	Q-Series with E85 calibration for drag racing (850 CFM)
Q-950-E85*	Q-Series with E85 calibration for drag racing (950 CFM)
Q-1050-E85*	Q-Series with E85 calibration for drag racing (1050 CFM)
FX-4710-E85	QFX-Series Drag Race Only, large flange carburetor (1050 CFM)
FX-4711-E85	QFX-Series Drag Race Only, large flange carburetor (1150 CFM)

*Blow thru and circle track versions also available.

METHANOL CARBURETORS

Part #	Description
Q-650-A	Q-Series carburetor, 650 CFM, Drag Race
Q-750-A	Q-Series carburetor, 750 CFM, Drag Race
Q-850-A	Q-Series carburetor, 850 CFM, Drag Race
Q-950-A	Q-Series carburetor, 950 CFM, Drag Race
Q-1050-A	Q-Series carburetor, 1050 CFM, Drag Race
FX-4710-A	QFX-Series Drag Race Only, large flange carburetor (1050 CFM)
FX-4711-A	QFX-Series Drag Race Only, large flange carburetor (1150 CFM)
FX-4712-A	QFX-Series Drag Race Only, large flange carburetor (1250 CFM)

*Circle Track versions also available.

E85 METERING BLOCK KIT

Part #	Description
34-106	E85 methanol 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

Part #	Description
34-45A	For use with 4500 style carburetors. Complete kit to convert gasoline carburetors over to methanol. Kit includes billet methanol 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 Metering Components Pages 21 & 22.

FUEL BOWL EXTENSION

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

METHANOL NEEDLE AND SEATS

Part #	Description
18-10	Methanol, stainless steel needle, .130" adjustable; 1 ea
18-11	Methanol, stainless steel needle, .150" adjustable; 1 ea
18-12	Methanol, titanium needle, .150" adjustable; 1 ea

METHANOL COMPATIBLE FLOATS

Part #	Description
16-9	Nitrophenyl compound "M," Methanol resistant
16-11	QFT™ Methanol resistant, notched; 1 ea.

E85 TESTER

Part #	Description
36-E85	Quick and accurate measure of percentage of E85 ethanol content. Includes protective sleeve and instructions.



SPACERS

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.

Part #	Description
300-4412-1A	2BBL to square flange/Q-jet Thermo-Quad 4 BBL adjustable, 1" height aluminum
300-4150-1	Square flange 4 BBL 1" height PVC
300-4150-1AL	Square flange 4 BBL 1" height aluminum
300-4150-2	Square flange 4 BBL 2" height PVC
300-4145-1AL	For QFT™ P, Q & RQ-Series 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
300-4150	Changeable insert spacer, kit includes an open insert, a 4 hole insert & a 4 hole transition blend to open.
300-4000	½" Phenolic open spacer w/longer mounting studs
300-4004	½" Phenolic 4 hole spacer w/longer mounting studs



300-4412-1A



300-4150-1



300-4150-2



300-4000



300-4004



300-4145-1AL



300-4500-1C



300-4500-1AL



300-4500-2



300-4512-1C

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.

Part #	Description
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 2.50" throttle bore
300-4500-R	Large flange, anti-revision 2.00" throttle bore
300-4500-R2	Large flange, anti-revision 2.125" throttle bore
300-4500-R3	Large flange, anti-revision 2.50" throttle bore

Part #	Description
300-2500-R	Anti-reversion plate, split M4500 & QFX 2.000" throttle bore
300-2500-2R	Anti-reversion plate, split M4500 & QFX 2.125" throttle bore
300-2500-3R	Anti-reversion plate, split M4500 & QFX 2.250" throttle bore
300-2500-S	Shear plate split M4500 & QFX 2.000" throttle bore
300-2500-S2	Shear plate split M4500 & QFX 2.125" throttle bore
300-2500-S3	Shear plate split M4500 & QFX 2.250" throttle bore



300-4500-S



300-4500-R3

CARBURETOR REBUILD KITS

PERFORMANCE KITS- NON-STICK GASKETS

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.

- | Part # | Description |
|--------|---|
| 3-200 | Fits vacuum secondary carburetors (390-850 CFM), also fits Road Demon Jr.™, Road Demon™, vacuum secondary Speed Demon™. Replaces Barry Grant® kit P/N 190003 and Holley® kits P/N 37-119, 37-720, 37-754, and 37-1542. |
| 3-201 | Fits 2 BBL carburetors, such as 4412 and 7448. |
| 3-202 | Fits mechanical secondary carbs, 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-Series, 4575, 6464, 7320, 8896, 9375, 9377, 80186 & 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™ carbs. Replaces Barry Grant® kit P/N 190007. |
| 3-205 | Fits Racing series carburetors, such as 80496, 80509, 80511, 80512, 80513, 80514, 80519 and 80541, also PROFORM® 850 and 950 carbs. Race/RS Demon™ carbs and QFT™ "P" and "Q" Series 850, 950 and 1050 CFM carburetors. |
| 3-206 | For use with spread bore carbs, mechanical and vacuum secondary, 650 & 800 CFM, non-stick gaskets. |
| 3-207 | For use with Model 4500 alcohol style carbs, non-stick gaskets. |
| 3-208 | Fits E85 & alcohol QFT™, Holley®, and most Demon™ style carburetors. |
| 3-209 | Fits E85 & alcohol QFT™ and Holley® 2300 style (500 CFM) carburetors. |
| 3-210 | Quick Service Kit for 2 & 4 BBL, including Racing series. Provides additional gaskets and critical components for on-going service, or track servicing. |
| 3-213 | Quick Service Kit for 3-circuit, square flange racing carburetors. Provides additional gaskets and critical components for on-going service, or track servicing. |
| 3-214 | Quick Service Kit for Model 2300 style carburetors (350 CFM). |
| 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". |
| 3-2004 | Fits dual pump 4150 style carburetors (390-850 CFM). |



3-202



3-2000





3-304

CARBURETOR REBUILD KITS

SUPER KITS – NON-STICK GASKETS

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 better adjustability for float level, needle and seat, and idle speed.

Part #	Description
3-300	Fits most 390, 450, 600, 750 and 850 CFM vacuum secondary carbs.
3-301	Fits 2 BBL carburetors such as 4412 and 7748.
3-301C	Chevrolet/Chrysler 3x2 (Center carburetor).
3-301E	Chevrolet/Chrysler 3x2 (Outboard carburetor).
3-302	Fits most mechanical secondary carburetors, such as: 4776, 4777, 4778, 4779, 4780, 4781, 8156, 8162, 9379, 9380.
3-304	Fits mechanical secondary alcohol carburetors, such as 9645, 9646, and 80498 (750, 850, 950 CFM).
3-305	Fits Racing series carburetors, such as 80496, 80497, 80511, 80512, 80513, 80514, and 80519 (830, 950, 1000 CFM).

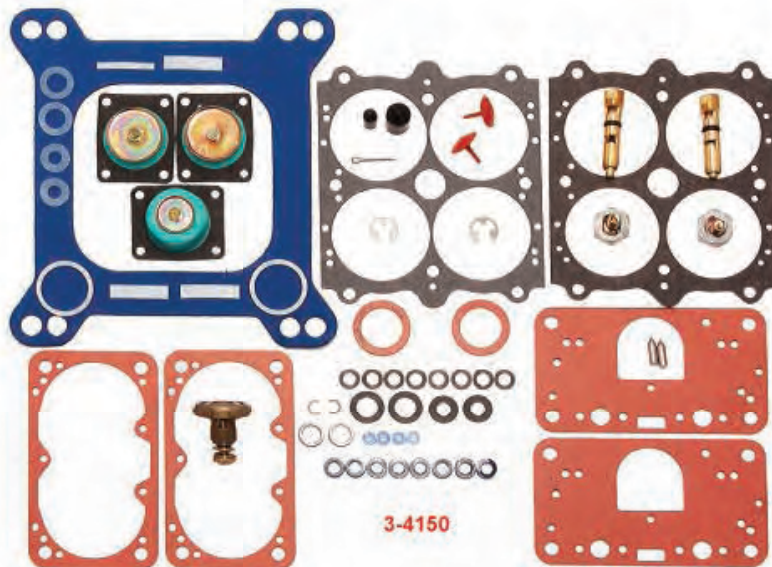
NEW QUICK KITS – NON-STICK

For a basic rebuild of your performance QFT™ carburetor. Kit includes all the necessary gaskets, needle and seat assemblies, and GFLT pump diaphragms required. All gaskets are made of MP-15 gasket material for excellent sealing ability and torque retention. Fuel bowl and metering block gaskets are redesigned for race applications with larger hole diameters, including booster thru holes and jet placement. QFT's exclusive FOUR DOOR® power valves provide greater flow capacity. Power valve design covered by U.S. patent # 652,048,8B1.

Part #	Description
3-2300	NEW Fits 2300 style flanges, 350-500 CFM 2BBL Circle Track applications; gasoline only.
3-4150	NEW Fits 4150 style flanges, mechanical secondary applications; gasoline only.
3-4150SSR	NEW Fits 4150 style flanges, vacuum secondary applications; gasoline only.
3-4150-A	NEW Fits 4150 style flanges, E85 and alcohol.
3-4700	NEW Fits 4500 style flanges, 2 and 3-circuit applications; gasoline only.
3-4700-A	NEW Fits 4500 style flanges, 2 and 3-circuit applications; E85 and alcohol.



3-4700



3-4150

METERING COMPONENTS

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, or racing use gasoline changeable power valve channel restriction for use with 4150 style carburetors. |
| 34-6 | Adjustable metering, 4 emulsion, changeable emulsion bleeds, for racing use, Methanol. |
| 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 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 fits vacuum secondary and mechanical secondary carburetors with duel feed fuel bowls, without secondary idle mixture screws. |
| 34-180 | Methanol billet metering block for QFX & for use with 4500 style carburetors, uses 5/16" main jets. |

BILLET SECONDARY PLATE CONVERSION KIT

- | Part # | Description |
|--------|---|
| 34-2 | Fits single inlet, side pivot float, 4 BBL carbs, universal performance vacuum secondary 4 BBLs and center "squiter" 4 BBLs. Enables the use of metering jets on the secondary side of these carbs 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 4BBL carbs, as well as, six pack (3X2) end carbs. Jets must be purchased separately. |

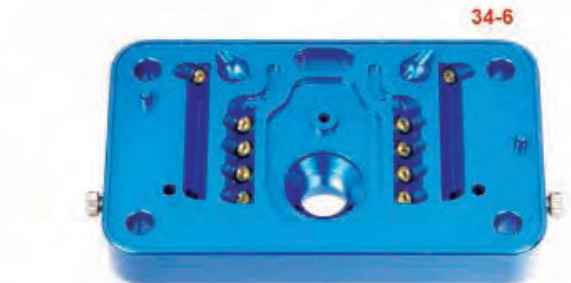


34-3

34-2



34-4



34-6



34-8



34-10

METERING COMPONENTS

Part # Description
34-77 Adjustable metering, 5 emulsion, changeable Emulsion bleeds, 3 circuit large flange for racing use, gasoline.

Part # Description
34-105 Billet metering block conversion kit for mechanical secondary carbs. Standard calibration, screw-in idle feed restrictions, primary side with timed or ported vacuum provision, for mixture screw system.
Must Use Correct Throttle Body & Main Body

Part # Description
34-106 E85 billet metering block conversion kit
See page 16 for conversion kit

Part # Description
34-111 Billet metering block conversion kit for vacuum secondary carbs. Combination of 34-8 & 34-66 metering blocks, including longer transfer tube for single inlet carbs.

Part # Description
34-116 E85 single billet metering block

Part # Description
34-177 E85 billet, 3 circuit metering block for QFX™ & 4500 style carbs

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 2 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.



34-77



34-111



34-116



34-177



METERING COMPONENTS

CHOKE CAP, ELECTRIC

Part #	Description
47-1	QFT™, PROFORM®, and for use with Holley® carburetors
47-2	Rochester replacement electric choke cap
47-474	Edelbrock AFB replacement electric choke cap



47-1

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; 2ea



15-1

IDLE MIXTURE SCREWS

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



27-100

SEAL, IDLE MIXTURE SCREW

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



7-4

PLUG, ACCELERATOR PUMP PASSAGE

Part #	Description
7-4	Seals the accelerator pump cross-drilling. This is located at the bottom of the metering block; sold individually 1 ea.



59-10

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; 2ea
14-2	5/16"OD X 1- 3/8" Straight cut aluminum
14-3	5/16"OD X 1-3/8" Straight cut; 2ea
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.



14-1

14-4

METERING JETS

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

Note: These numbers correlate to mean OEM main jet flow rates.

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

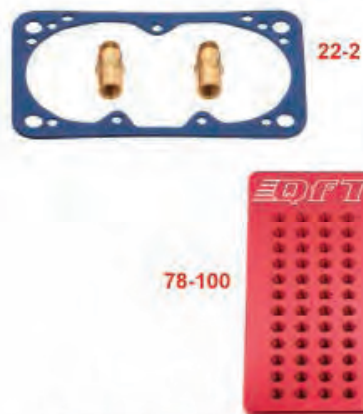
ALCOHOL JET ASSORTMENTS

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	196	22-196
122	22-122	130	22-130	140	22-140	148	22-148	156	22-156	168	22-168	184	22-184	200	22-200
124	22-124	132	22-132	142	22-142	150	22-150	158	22-158	172	22-172	188	22-188	204	22-204
126	22-126	136	22-136	144	22-144	152	22-152	160	22-160	176	22-176	192	22-192	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

METERING COMPONENTS

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 VENTURI

(For use with 4500 style carburetors)

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



21-471

BOOSTER PINS FOR QFX SERIES & 4500 STYLE CARBURETORS

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

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

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 methanol 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 # 652,048,8B1.

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.



Power Valve

25-1

25-100

8-25

ACCELERATOR PUMP PARTS

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 carbs with QFT™ aluminum pump housing
21-104	Large flange carbs with QFT™ aluminum pump housing
21-107	50cc QFT™ aluminum pump housing cover

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	Accelerator pump cam assortment; 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. 4500); 1 ea.
41-664	Brown (wide), 50cc pump (exc. 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 Pump diaphragm; 1 ea.
35-13	30cc Pump diaphragm, GFLT; 1 ea.
35-2	50cc Pump diaphragm; 1 ea.
35-12	50cc Pump diaphragm, GFLT; 1 ea.
35-471	Edelbrock® AFB Heavy Duty accelerator pump kit



21-105



41-100

41-330

5-9



35-1



35-2



35-12



ACCELERATOR PUMP PARTS

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, ACCELERATOR PUMP DISCHARGE

Part #	Description
23-1	Needle; 2 ea.



SCREW, ACCELERATOR PUMP DISCHARGE NOZZLE

Part #	Description
5-10	Standard: Phillips head, 2 screws, 4 gaskets
5-12	5/32" Stainless steel, hollow pump Nozzle screw



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.

ACCELERATOR PUMP LEVERS

Replacement pump arm with retaining clip included.

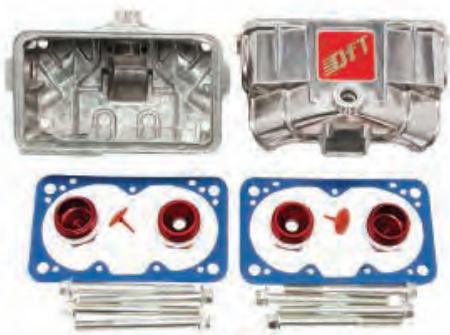
Part #	Description
63-3	30cc for Q/P/RQ/SS-Series, and for use with 4150 style carburetors
63-4	50cc for Q/P/RQ/SS-Series, and for use with 4150 style carburetors
63-5	50cc for QFX & King Demon™ & 4500 style carburetors



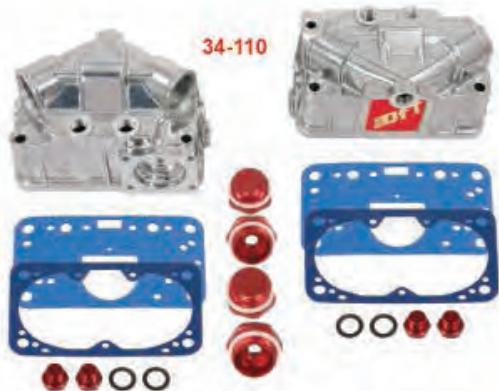
NOZZLES, ACCELERATOR PUMP [2 GASKETS PER NOZZLE]

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





34-100



34-110



34-114



18-100



Needle And Seat Assembly

8-6

18-17

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 4BBL carbs. Kit includes 2 QFT™ aluminum fuel bowls with dual sight glass windows and dual fuel inlets. 7/8"-20 red anodized fittings included and non-stick gaskets
34-101	Dual pump 4BBL carbs. Kit includes 2 QFT™ aluminum Pro Series fuel bowls with dual sight glass windows and dual fuel inlets, 2 fuel inlet plugs and 2 #8AN fuel inlet fittings
34-102	2BBL carbs, Pro Series Kit includes an aluminum fuel bowl, Pro Series #6AN fitting and non-stick gaskets (except list #6425 annular discharge carburetor).
34-103	QFT™ aluminum bowls, same as Part # 34-100 w/chrome finish
34-104	Alcohol fuel bowl extension kit
34-107	QFT™ aluminum bowls for vacuum secondary carbs, single window
34-110	QFT™ aluminum bowls with quick change jet plugs
34-112	QFT™ primary, dual inlet, dual window fuel bowl
34-113	QFT™ fuel bowl, vacuum secondary
34-114	Single inlet, dual needle & seat billet fuel bowl. Fits all 2300, 4150 and 4500 style carbs. Includes floats, gasket, check valve, and #8AN inlet fitting

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 fiber gasket; 8 ea.

NEEDLE AND SEAT HARDWARE

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

NEEDLE AND SEAT ASSEMBLIES

QFT™ Needle and seat assemblies achieve the highest flow rates possible. The inlet doors match the adjustment nut flats to align with the inlet passage. Perfect alignment ensures optimum fuel flow. The large stem base on the needle provides for a more accurate response to movement of the float arm.

Part #	Description
18-1	Gas, Viton™ needle, .100" adjustable; 1 ea.
18-2	Gas, Viton™ needle, .110" adjustable; 1 ea.
18-3	Gas, Viton™ needle, .120" adjustable; 1 ea.
18-4	Gas, Viton™ needle, .130" adjustable; 1 ea.
18-10	All fuels, Stainless steel needle, .130" adjustable; 1 ea.
18-11	All fuels, Stainless steel needle, .150" adjustable; 1 ea.
18-12	All fuels, Titanium needle, .150" adjustable; 1 ea.

NEEDLE AND SEAT GASKETS

Part #	Description
8-6	Lock screw gaskets, small opening, stock; 2 ea.
8-7	Lock nut gaskets, large opening, stock; 2 ea.
8-16	Lock screw gaskets, small opening, nylon; 2 ea.
8-17	Lock nut gaskets, large opening, nylon; 2 ea.
8-67	Gasket kit, large and small opening, stock; 4 ea.
8-167	Gasket kit, large and small opening, nylon; 4 ea.

FUEL BOWL PARTS

EDELBROCK® NEEDLE & SEATS

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

FLOATS, CENTER HUNG

Part #	Description
16-1	Brass; 1 ea.
16-9*	Street / Strip methanol resistant, standard replacement; 1 ea.
16-11	QFT™ Nitrophyl, notched, methanol resistant; 1 ea.
16-12*	Methanol resistant, secondary circle track wedge; 1 ea.
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
16-2	Side hung, brass; 1 ea.
16-3	Side hung, Nitrophyl; 1 ea.

E-CLIP, FLOAT

Part #	Description
36-2	E-clip style; 2 ea.
38-2	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! We have a kit with every gasket you could possibly need to make this conversion. All at the same price as the modified float alone from other suppliers.

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



16-9



16-11



16-12



16-13



RR Float 16-14



RR Notched Float 16-15



16-3



36-2



16-104



38-1



16-105

FUEL BOWL PARTS

PLUG, SIGHT FUEL BOWL PARTS

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.
7-11	Replacement o-ring, glass & clip for QFT™ fuel bowls

GASKET, SIGHT PLUG

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

PLUG, FUEL BOWL

Part #	Description
19-20	Fits QFT™ carburetors 7/8-20 thread inlets; 1 ea.
19-200	P-Series fuel bowls 3/4-16 thread inlets, #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)

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 gauge 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



GASKETS

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.

GASKET, AIR CLEANER

Part #	Description
8-1	Standard 4BBL 5 1/8" air cleaner flange; 2 ea.
8-168	New QFX 7" air cleaner large flange; 2 ea.

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 QFT™, Demon®, PROFORM® and for use with 4150 style 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)

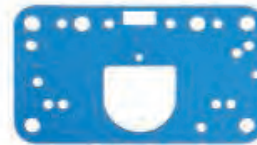
Part #	Gaskets (Quantities)
8-200	8-129 (2), 8-134 (2): fits dual pump-style carburetors
8-201	8-129 (1), 8-130 (1), 8-134 (1): fits 4 BBL with secondary metering plate
8-202	8-131 (1), 8-130 (1), 8-134 (1): fits ACC Pump transfer tube & sec. metering plate
8-203	8-134 (2), 8-136 (2): fits large flange 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 BBL, except 3 circuit carburetors
8-2006	8-134 (5), 8-146 (5): fits special square flange carburetors with 3 circuit metering



8-1



8-129



8-131



8-136



8-139



8-146



8-150



8-27

GASKETS

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, FOR USE WITH 500 CFM 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, FOR USE WITH 350 CFM 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)

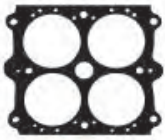
All gasket images are for reference only and may not represent actual product and/or color.



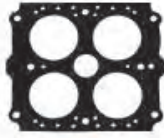
8-51



8-52



8-63



8-60



8-100
8-1100



8-101
8-1101



8-105
8-1105



8-102
8-1102



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



8-104
8-1104



8-108

THROTTLE BODY

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 U.S. patent numbers: D456,818, D457,168, D456,421.

Note: The throttle bodies are .070" taller than the original O.E.M. 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 17)
12-600	Die cast throttle body-mechanical secondary 1-9/16" throttle bore
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



12-700

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 page 17)
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 page 17)
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, w/vacuum tubes.



12-750



12-853

THROTTLE BODY PARTS

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	For use with 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™, and for use with 2300 and 4150 style carburetors; 2 ea.
5-17	QFT™ QFX, and for use with 4500 style carburetors; 2 ea.

SCREW, SECONDARY IDLE SPEED

Part #	Description
5-15	For use with 4150 style carburetors; 1 ea.

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 use with 4500 style main body carburetors
49-2	Throttle return spring kit for QFX carbs

THROTTLE RETURN SPRING KITS

Part #	Description
49-3	Throttle return spring kit for QFT™ and for use with 4150 style carburetors
49-4SS	Throttle cable and spring bracket for square flange carburetors
49-5S	Throttle cable bracket fit QFX carburetors
49-6	Ford Kickdown Lever Kit for use with 4150 style carburetors



36-1



48-1



35-3



46-1



27-4



7-5



5-16



5-17



5-15



5-5



49-6



49-6



49-4SS

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
63-12	Adjustable vacuum secondary housing with polished cast cover

VACUUM SECONDARY KIT, QUICK CHANGE

Part #	Description
38-101	Quick change cover assembly
38-1000	Quick change cover assembly with secondary spring assortment

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 and for use with 4150 style carburetor
63-4	50cc Q / P / RQ / SS / HR-Series and for use with 4150 style carburetor
63-5	50cc QFX and for use with King Demon & 4500 style carburetor

SPRING KIT, SECONDARY DIAPHRAGM

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



63-1



63-2



63-5



38-100



600-1

SWITCHES, WIDE OPEN THROTTLE

Activates nitrous system at wide open throttle (WOT) Description

Part #	Description
600-1	For use with QFT™, Proform® & HP style carburetors
600-2	For use with QFX & 4500 style carburetors
600-2R	For use with QFX & 4500 style carburetors – roller tip
600-3	LS1
600-4	LT1
600-5	BBK® for LT1 & TPI
600-6	4.6L Mustang Stock
600-7	86-93 Mustang w/Edelbrock® & BBK®
600-8	For use with old style 4500 carburetors



28-100

THROTTLE BALL ASSORTMENT

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

THROTTLE CABLE STUD

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



37-10



37-12

TRANSMISSION KICKDOWN STUD

Part #	Description
37-12	GM transmission

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; 4 ea.

THROTTLE SHAFT KITS

Part #	Description
10-1	Mech. secondary, primary & secondary shafts, replacement
10-2	Mech. secondary, primary & secondary shafts, hi-flow/slabbed
10-3	Primary shaft, hi-flow/slabbed
10-4	Primary shaft replacement, Ford A/T kickdown
10-5	Primary shaft hi-flow/ slabbed, Ford A/T kickdown
10-6	Vacuum secondary shafts, hi-flow/slabbed
10-7	Large flange, primary & secondary shafts, hi-flow/slabbed
10-8	Large flange, primary shaft, hi-flow/slabbed
10-9	For use with 2300 style, 500 CFM 2-Bbl, replacement
10-10	Large flange, external linkage conversion kit

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
43-1	1:1 mechanical secondary link, square flange carburetors (O.E.M. style lever)
43-2	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.



FUEL LINES

FUEL LINES, DUAL FEED

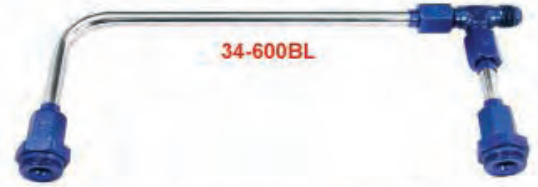
Part #	Description
34-600R	Dual metering block carburetors with 7/8-20 fuel bowl thread, Red Stainless Steel #6AN inlet, #8AN bowl fitting
34-600BK	Dual metering block carburetors with 7/8-20 fuel bowl thread, Black Stainless Steel #6AN inlet, #8AN bowl fitting
34-600BL	Dual metering block carburetors with 7/8-20 fuel bowl thread, Blue Stainless Steel #6AN inlet, #8AN bowl fitting
34-600SL-BLK	Slayer Series and Model 4160 carburetors with #6 AN inlet fittings and 3/8" barb adapter.
34-600	P-Series carburetor only, #6AN inlet, #8AN bowl fitting
34-800	P-Series carburetor only, #8AN inlet, #8AN bowl fitting
34-165	Ford transfer short (single metering block) 5/16" ID
34-166	Ford transfer long (dual metering blocks) 5/16" ID
34-4150-6	Q-Series and for use with 4150 style carburetors #6AN inlet, 7/8-20 thread bowl, black anodized lines & fittings
34-4150-8	Q-Series and for use with 4150 style 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 for use with 4500 style carburetors #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)

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
19-600	Barb fitting #6 AN to 3/8" hose barb, clear anodized



34-600BL



34-600SL-BLK



34-900



34-165



34-4500-8



19-600



34-6000SS

FUEL PUMPS & REGULATORS

Quick Fuel Technology™ offers a wide array of electric fuel pumps and pressure regulators designed to provide consistent and reliable fuel flow for optimum carburetor performance. All fuel pumps and regulators are tested for flow, pressure, and external leaks prior to shipment.

FUEL PUMPS

Part #	Description
30-230	NEW Designed for street performance vehicles up to 1200 HP. Continuous duty pump, flows over 230 GPH at 7 PSI, hard-coat anodized billet aluminum housing, #10 AN Inlet and Outlet ports, 6-vane design. DYNA-BLUE® coated internal parts for superior wear resistance. Includes 30-1900 Bypass regulator adjustable to 7 PSI. Compatible with gasoline, E85 or alcohol.
30-260	NEW Designed for street or race-driven vehicles up to 1000 HP (Rear-mounted fuel cell) and up to 1600 HP (Front-mounted fuel cell). Flows over 260 GPH at 20 PSI, hard-coat anodized billet aluminum housing, includes externally adjustable bypass (10-20 PSI), #10 AN Inlet and Outlets with #8 AN bypass, 6-vane design. DYNA-BLUE® coated internal parts for superior wear resistance. Compatible with gasoline, E85 or alcohol.
30-300	NEW Designed for drag race and other short duration competition up to 800 HP. Flows over 300 GPH at 20 PSI, hard-coat anodized billet aluminum housing, #10 AN Inlet and Outlet ports, 6-vane design. DYNA-BLUE® coated internal parts for superior wear resistance. Compatible with gasoline, E85 or alcohol.
30-400	NEW Designed for drag race and other short duration competition from 800-2500 HP. Flows over 400 GPH at 25 PSI, hard-coat anodized billet aluminum housing, includes externally adjustable bypass (10-25 PSI), #10 AN Inlet and Outlets with #8 AN bypass, 6-vane design. DYNA-BLUE® coated internal parts for superior wear resistance. Compatible with gasoline, E85 or alcohol.
30-125-1	125 GPH electric fuel pump, includes mounting bracket. Features 3/8" NPT Inlet/Outlets, 14 PSI maximum pressure. Assigned U.S. patent numbers D645,055, D645,057, D645,058.
30-125-1R	125 GPH electric fuel pump, includes mounting bracket. Comes with 30-803 Fuel pressure regulator, adjustable from 41/2-9 PSI. Assigned U.S. patent numbers D645,055, D645,057, D645,058.
30-155	155 GPH electric fuel pump, includes mounting bracket. Features 3/8" NPT Inlet/Outlets, 14 PSI maximum pressure. Assigned U.S. patent numbers D645,055, D645,057, D645,058.
30-175	175 GPH billet electric fuel pump, includes mounting bracket. Features #8 AN Inlet and Outlets, with internal and external adjustable bypass options. Includes built-in provision for fuel pressure gauge. Compatible to all fuels.



30-230



30-260



30-300



30-400



30-125-1



30-155



30-175



FUEL PUMPS & REGULATORS

FUEL PUMP REBUILD KITS

- Part # Description**
- 30-7300 NEW** Fits 30-230 and 30-260 QFT fuel pumps. Also fits BG220 and BG220HR Barry Grant® fuel pumps. Includes wear plates, vanes, bushing, rotor, motor shaft seal and o-rings.
- 30-7301 NEW** Fits 30-300 QFT fuel pump. Also fits BG280 Barry Grant® fuel pump. Includes wear plates, vanes, bushing, rotor, motor shaft seal and o-rings.
- 30-7302 NEW** Fits 30-400 QFT fuel pump. Also fits BG400 Barry Grant® fuel pump. Includes wear plates, vanes, bushing, rotor, motor shaft seal and o-rings.



30-7300

FUEL PUMP BODY KITS

- Part # Description**
- 30-7305 NEW** Fits 30-230 QFT fuel pumps. Also fits BG220 and BG220HR Barry Grant® fuel pumps. Includes anodized lower housing, o-rings, screws, and lockwashers.
- 30-7313 NEW** Fits 30-260 QFT fuel pumps with external bypass. Includes anodized lower housing, o-rings, screws, and lockwashers.
- 30-7306 NEW** Fits 30-300 QFT fuel pump. Also fits BG280 Barry Grant® fuel pump. Includes anodized lower housing, o-rings, screws, and lockwashers.
- 30-7307 NEW** Fits 30-400 QFT fuel pump. Also fits BG400 Barry Grant® fuel pump. Includes anodized lower housing, o-rings, screws, and lockwashers.



30-7307

FUEL PRESSURE REGULATORS

- Part # Description**
- 30-7025 NEW** 2-Port high flow pressure regulator, adjustable from 5 to 8 PSI. Hard-coat anodized billet housing, GFLT diaphragm, #10 AN Inlet and #8 AN Outlets, includes mounting bracket. Compatible with all fuels.
- 30-7023 NEW** 4-Port high flow pressure regulator, adjustable from 5 to 8 PSI. Hard-coat anodized billet housing, GFLT diaphragm, #8 AN Inlet and #8 AN Outlets, includes mounting bracket. Compatible with all fuels.
- 30-803** Pressure regulator with ball and stem activation. High flow capacity that can satisfy single four-barrel engines. Designed to operate within 4-1/2-9 PSI range, 3/8" NPT ports. Includes mounting bracket.
- 30-805** Anodized black methanol pressure regulator with ball and stem activation, and GFLT diaphragm.
- 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 without restriction. Recommended for fuel pumps with steady line pressure.
- 30-1803** Pressure regulator with ball and stem activation. QFT™ billet Regulators are CNC machined from solid aluminum for the ultimate in strength and repeatability.
- 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.
- 30-4803** Billet 4-port regulator, non-return style, #8 AN O-ring outlets. Compatible with QFT™ billet fuel pressure regulator log, and has provision for boost reference and fuel pressure gauge.



30-7023



30-7025



30-803



30-805



30-900



30-1803



30-1988



30-1900



30-4803





30-4



30-7304



30-199

FUEL PUMPS & REGULATORS

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 w/spring for Holley® and QFT™ regulators.
35-400	GFLT replacement diaphragm for 30-4803 4-port regulator.
35-1100	GFLT diaphragm (alcohol), with spring; 1 ea.
35-1200	GFLT bypass pressure regulator diaphragm.

PRESSURE REGULATOR REBUILD KITS

Part #	Description
30-7303	NEW 2-Port high flow pressure regulator kit includes GFLT diaphragm, o-rings and springs to rebuild worn or damaged units. Compatible with all fuels
30-7304	NEW 4-Port high flow pressure regulator kit includes GFLT diaphragm, o-rings and springs to rebuild worn or damaged units. Compatible with all fuels.

30 AMP FUEL PUMP WIRING KIT

This relay kit can be used with any electric fuel pump with 30 Amp current load and will work with 12, 16, and 24 Volt electrical systems. This wiring and relay kit ensures a great electrical connection to your fuel pump for reliable and improved performance.

Part #	Description
30-199	NEW Fits all QFT™ Electric fuel pumps including 30-125-1, 30-155, 30-175, 30-230, 30-260, 30-300, and 30-400. Kit includes 10 AWG wire to provide extra current capacity with minimal voltage loss, 30 Amp single pole relay, and quality insulated crimp connectors to make any necessary splices.

LIMITED WARRANTY

Quick Fuel Technology ("QFT") warrants to the original purchaser only that fuel pump products P/N 30-230, P/N 30-260, P/N 30-300, and P/N 30-400, shall be free from defects in material and workmanship for a period of one (1) year from date of purchase. In the event of a defect in material or workmanship, QFT™ will, at its option, repair or replace the product, or any defective part or parts thereof, without charge to the original purchaser.

WARRANTY LIMITATIONS AND DISCLAIMERS

This warranty does not apply to any fuel pump that has 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 QFT's current catalog.

Purchaser's remedies under this Limited Warranty are strictly limited to the repair or replacement of the defective product or parts. **QFT shall not be responsible for any actual or alleged labor, transportation, shipping or other incidental charges or actual or alleged consequential or other damages incurred due to an alleged defect under this warranty.** In no event shall QFT's maximum liability under this Limited Warranty exceed the original cost to the consumer of the allegedly defective fuel pump. **This warranty is exclusive and in lieu of all others, oral or written and express or implied. Any implied warranties, including implied warranties of merchantability and fitness for a specific purpose are hereby disclaimed.** Some states do not allow limitations on how long a warranty lasts or the exclusion of limitations of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary under state or provincial laws. This Limited Warranty supersedes all prior warranty statements.

See page 1 of this catalogue for information on QFT's Return Policy.



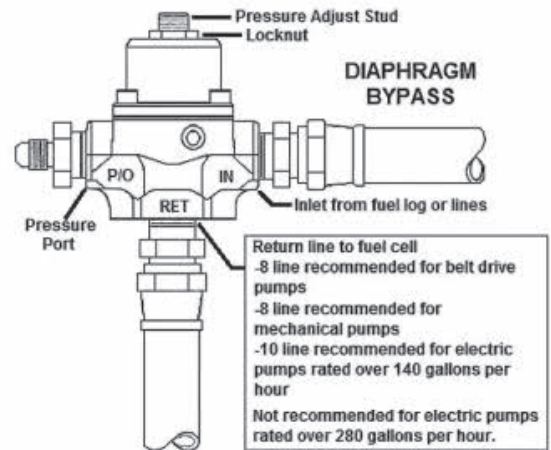
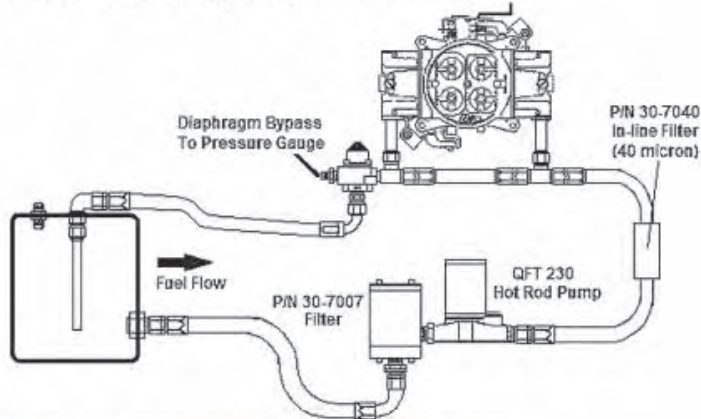
PLUMBING AND WIRING DIAGRAMS

QFT230 FUEL PUMP SYSTEM

- | Part # | Description |
|---------|--|
| 30-230 | 230 GPH Electric Fuel Pump. |
| 30-1900 | Bypass Regulator (Included). |
| 30-7007 | Canister Filter Assembly (100 micron, stainless steel). |
| 30-7040 | In-Line Filter Assembly (40 micron, stainless steel, #8 AN). |

Rebuild Kits are available for the QFT230 pump:

- | | |
|---------|----------------------------------|
| 30-7300 | QFT230 & 260 Pump Rebuild Kit |
| 30-7305 | QFT230 Pump Body & Seal Assembly |

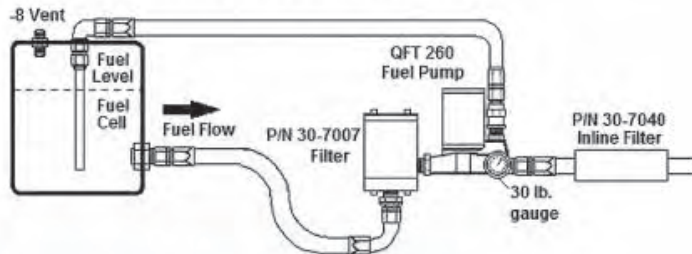


QFT260 FUEL PUMP SYSTEM

- | Part # | Description |
|---------|--|
| 30-260 | 260 GPH Electric Fuel Pump. |
| 30-7007 | Canister Filter Assembly (100 micron, stainless steel). |
| 30-7040 | In-Line Filter Assembly (40 micron, stainless steel, #8 AN). |

Rebuild Kits are available for the QFT260 pump:

- | | |
|---------|----------------------------------|
| 30-7300 | QFT230 & 260 Pump Rebuild Kit |
| 30-7313 | QFT260 Pump Body & Seal Assembly |

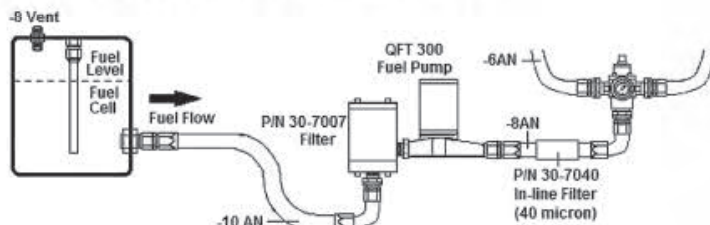


QFT300 FUEL PUMP SYSTEM

- | Part # | Description |
|---------|--|
| 30-300 | 300 GPH Electric Fuel Pump. |
| 30-7007 | Canister Filter Assembly (100 micron, stainless steel). |
| 30-7040 | In-Line Filter Assembly (40 micron, stainless steel, #8 AN). |

Rebuild Kits are available for the QFT300 pump:

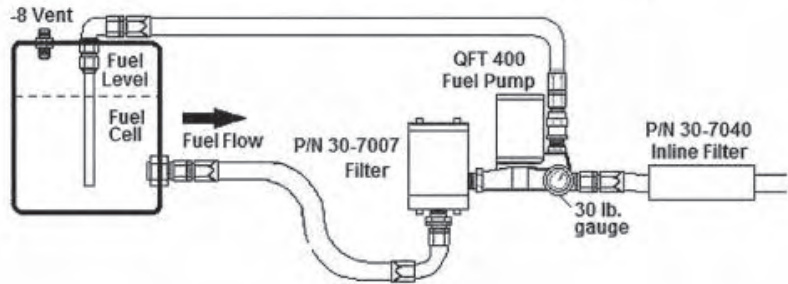
- | | |
|---------|----------------------------------|
| 30-7301 | QFT300 Pump Rebuild Kit |
| 30-7306 | QFT300 Pump Body & Seal Assembly |



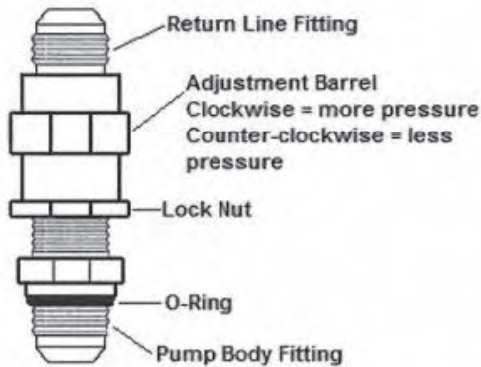
PLUMBING AND WIRING DIAGRAMS

QFT400 FUEL PUMP SYSTEM

Part #	Description
30-400	230 GPH Electric Fuel Pump.
30-7007	Canister Filter Assembly (100 micron, stainless steel).
30-7040	In-Line Filter Assembly (40 micron, stainless steel, #8 AN).



QFT260, QFT400 External Bypass

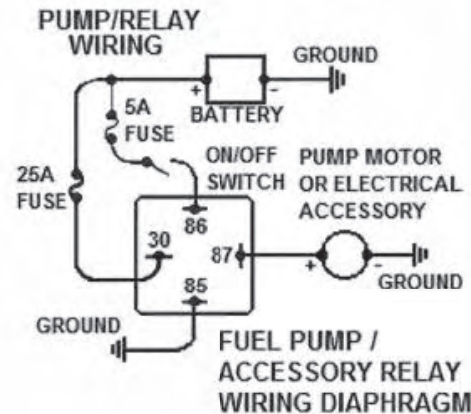


Rebuild Kits are available for the QFT400 pump:
 30-7302 QFT400 Pump Rebuild Kit
 30-7307 QFT400 Pump Body & Seal Assembly

WIRING DIAGRAM

QFT Wiring Relay Kit is available and includes 10-18 AWG wire, 30 Amp relay, and insulated crimp connectors.

Part #	Description
30-199	QFT Wiring Relay Kit



FUEL FILTERS

CANISTER FUEL FILTER ASSEMBLIES

The new QFT™ 5000 fuel filter with replaceable filter elements is light and compact. With threaded end caps, they are easily serviced and are available in different filter media. The filters can be used with gasoline, E85, alcohol, and all diesel blends with positive O-ring sealing. Designed for maximum flow with very low pressure drop values (<1 PSI @ 1,500 PPH). All canister filter assemblies are built to exacting tolerances from aircraft grade billet aluminum for superior performance.

- | Part # | Description |
|---------|--|
| 30-7007 | NEW Hard-coat anodized billet end caps for superior strength and corrosion resistance. End caps equipped with Viton® O-rings for leak-proof operation, ½"-14 NPT Inlet/Outlet sizes, 100 micron stainless steel mesh media. |
| 30-7018 | NEW Hard-coat anodized billet end caps equipped with Viton® O-rings for leak-proof operation, ½"-14 NPT Inlet/Outlet sizes, 10 micron cellulose media, stainless steel element components. |

IN-LINE FUEL FILTER ASSEMBLIES

QFT™ in-line fuel filter assemblies mount in tight locations while offering a substantial filtering area. Threaded end caps provide for easy service, plus they are available in different filter media and sizes. Designed for maximum flow with very low pressure drop values (<1 PSI @ 1,500 PPH). The filters can be used with gasoline, E85, alcohol, and all diesel blends. All in-line filter assemblies are built from aircraft grade billet aluminum.

- | Part # | Description |
|---------|---|
| 30-7040 | NEW Hard-coat anodized billet end caps for superior strength and corrosion resistance. End caps equipped with Viton® O-rings for leak-proof operation, #8 AN Inlet/Outlet sizes, 40 micron stainless steel mesh media. |
| 30-7042 | NEW Hard-coat anodized billet end caps equipped with Viton® O-rings for leak-proof operation, #8 AN Inlet/Outlet sizes, 10 micron cellulose media, stainless steel element components. |
| 30-7043 | NEW Hard-coat anodized billet end caps equipped with Viton® O-rings for leak-proof operation, #10 AN Inlet/Outlet sizes, 40 micron stainless steel mesh media. |
| 30-7044 | NEW Hard-coat anodized billet end caps equipped with Viton® O-rings for leak-proof operation, #10 AN Inlet/Outlet sizes, 10 micron cellulose media, stainless steel element components. |
| 30-7311 | NEW Hard-coat anodized billet end caps equipped with Viton® O-rings for leak-proof operation, #12 AN Inlet/Outlet sizes, 40 micron stainless steel mesh media. |
| 30-7312 | NEW Hard-coat anodized billet end caps equipped with Viton® O-rings for leak-proof operation, #12 AN Inlet/Outlet sizes, 10 micron cellulose media, stainless steel element components. |

FUEL FILTER ELEMENTS

- | Part # | Description |
|---------|--|
| 30-7019 | NEW QFT 5000 canister filter element with O-rings for positive sealing, 10 micron cellulose media, compatible with all fuels. |
| 30-7308 | NEW QFT 5000 canister filter element with O-rings for positive sealing, 100 micron stainless steel mesh media, compatible with all fuels. |
| 30-7309 | NEW QFT in-line filter element with O-rings for positive sealing, 10 micron cellulose media, compatible with all fuels. |
| 30-7310 | NEW QFT in-line filter element with O-rings for positive sealing, 40 micron stainless steel mesh media, compatible with all fuels. |

O-RING SET

- | Part # | Description |
|---------|---|
| 30-7036 | NEW Fits QFT 5000 canister filter assemblies; Also fits BG 5000 Barry Grant® fuel filters. |



SPECIALTY PARTS

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 the 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 crankcase 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



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, National Mustang Racing Association and the Pacific Street Car Association. We are pleased to be the 2014 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 2014 season include the following classes by sanctioning body:

NHRA

NHRA - approved QFT™ carburetors and approved QFT™ fuel pumps in NHRA Full Throttle Drag Racing Series, Lucas Oil Drag Racing Series and the Sportsnationals events and Summit ET Series Final.

Classes include; Pro Stock, Competition Eliminator, Super Gas, Super Comp, Super Stock, Stock, Super Street, Top Sportsman, Top Dragster and Pro Mod.

Paid to winner & runner up of each eliminator using QFT™ carburetor and or QFT™ fuel pump displaying QFT™ contingency decals.

NMRA

NMRA - approved QFT™ carburetors and approved QFT™ fuel pumps in Pro Outlaw 10.5, Super Street Outlaw, Hot Street, Drag Radial, Real Street, Pure Street, Open Comp, Truck & Lightning.

Paid to winner & runner up of each eliminator using QFT™ carburetor and or QFT™ fuel pump displaying QFT™ contingency decals.

NMCA

NMCA - approved QFT™ carburetors and approved QFT™ fuel pumps 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 eliminator using QFT™ carburetor and or QFT™ fuel pump displaying QFT™ contingency decals.

PSCA

PSCA - approved QFT™ carburetors and approved QFT™ fuel pumps in Prostreet, Outlaw 10.5, Xtreme Drag Radial, Wild Street, Hot Street, Street Challenge, Limited Street, Open Comp, Bracket ET, Super Street, Quick Street, Mean Street, Mustang Madness, and Street Muscle.

Paid to winner & runner up of each eliminator using QFT™ carburetor and or QFT™ fuel pump displaying QFT™ contingency decals.

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.

2014 QFT™ RACER CONTINGENCY PROGRAMS



New QFT™ Fuel Pumps, Filters & Regulators.

Ultimate Performance



30-7025
QFT 2-Port Regulator



30-7023
QFT 4-Port Regulator



30-400
QFT Fuel Pump



30-7007
QFT Canister Filter



30-7043
QFT Inline Filter



Innovators in Fuel Systems

Learn more about fuel systems on our website.