



FEULING®

FEULINGPARTS.COM

FUEL INJECTOR INSTRUCTIONS

Quality OEM replacement & high flow top feed fuel injectors compatible with standard gasolines. High flow injectors for race application use only. Sold individually. Flow rates based on 4 bar/ 58 PSI.

IMPORTANT NOTICE: THIS INSTALLATION SHOULD BE DONE BY AN EXPERIENCED MECHANIC WHO HAS ACCESS TO A FACTORY SERVICE MANUAL & ALL REQUIRED TOOLS.

CAUTION:

- INCORRECT INSTALLATION CAN CAUSE ENGINE DAMAGE NOT COVERED UNDER WARRANTY. FAILURE TO INSTALL COMPONENTS CORRECTLY CAN CAUSE ENGINE SEIZURE. ENGINE SEIZURE MAY RESULT IN SERIOUS INJURY TO MOTORCYCLE, OPERATOR, PASSENGER AND/OR OTHERS
- IMPROPERLY TORQUED BOLTS MAY RESULT IN LEAKS & DISTORTION OF COMPONENTS
- WHEN SERVICING THE FUEL SYSTEM, DO NOT SMOKE OR ALLOW OPEN FLAME OR SPARKS IN THE VICINITY. GASOLINE IS EXTREMELY FLAMMABLE & HIGHLY EXPLOSIVE, WHICH COULD RESULT IN DEATH OR SERIOUS INJURY

INSTALLATION

1. Refer to your owner's manual to locate & remove the main fuse.
2. Refer to the service manual for your motorcycle for fuel injector replacement. Refer to Section FUEL INJECTION, Fuel Rail/Fuel Injectors of the applicable service manual for instructions.
3. Installation of this kit requires a re-calibration. If cylinder heads are equipped with ACR's, failure to download correct calibration update before starting motorcycle can result in ACR failure.
4. Before calibrating the ECM, if cylinder heads are equipped with ACR's, disconnect the ACR harnesses. Not disconnecting the ACR harnesses can cause ACR failure.
5. Refer to the owner's manual to install the main fuse.
6. Recalibrate the ECM prior to starting the vehicle.

LEGEND: OE STOCK REPLACEMENT HIGH FLOW

FEULING	DRAG	PLUG	FLOW	'02-'05 TOURING	'06-'07 TOURING	'08-'16 TOURING	'17-'26 TOURING	'04-'05 DYNA	'06-'17 DYNA	'01-'05 SOFTAIL	'06-'15 SOFTAIL	'16-'17 SOFTAIL	'18-'26 SOFTAIL	'07-'26 XL	'02-'17 VROD
9946	1022-0118	EV-1	3.8 g/s											X	
9941	1022-0113	EV-1	4.3 g/s	X		X		X		X		X		X	
9948	1022-0119	EV-1	5.1 g/s	X		X		X		X		X		X	X
9945	1022-0228	EV-1	5.3 g/s	X		X		X		X		X		X	X
9943	1022-0115	EV-1	5.7 g/s	X		X		X		X		X		X	X
9939	1022-0231	EV-1	6.2 g/s	X		X		X		X		X		X	X
9947	1022-0161	EV-1	8.2 g/s	X		X		X		X		X		X	X
9940	1022-0112	EV-6	3.91 g/s		X				X		X				
9942	1022-0114	EV-6	4.9 g/s		X				X		X				
9949	1022-0120	EV-6	5.3 g/s		X				X		X				
9944	1022-0116	EV-6	6.2 g/s		X				X		X				
9933	1022-0275	EV-6	4.4 g/s				X								
9934	1022-0229	EV-6	5.3 g/s				X						X		
9935	1022-0230	EV-6	6.1 g/s				X						X		
9936	1022-0301	EV-6	7.6 g/s				X						X		

STANDARD 1 YEAR WARRANTY:

- WARRANTY COVERS MANUFACTURE DEFECTS
- DOES NOT COVER PARTS THAT HAVE FAILED DUE TO IMPROPER INSTALLATION, MAINTENANCE, EXCESSIVE CRANKSHAFT RUNOUT, OR MISUSE
- DOES NOT COVER ANY CONSEQUENTIAL DAMAGE RESULTING FROM A FAILURE OF A FEULING PRODUCT

NOTE: FOR FULL WARRANTY INFO VISIT FEULINGPARTS.COM/WARRANTY

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE. FEULING DOES NOT RECOMMEND TUNING BEYOND STOCK EMISSION STANDARDS.

TWIN CAM, EVO, XL EV-1

3.8 g/s



FEULING #9946
DRAG #1022-0118
 EV-1 Plug in
 07-Later XL engines
 Delivers fuel at 3.8+ g/s with 4 spray holes
 Recommended for stock to mild performance engines

4.3 g/s



FEULING #9941
DRAG #1022-0113
 EV-1 Plug in
 02-16 Touring (except 06-07), 04-05 Dyna, 01-05 Softail, 16-17 Softail, 07-17 Sportster
 Delivers fuel at 4.3 grams per second with a 4 hole cone spray pattern
 Excellent choice for performance XL engines looking for a higher flow rate

5.1 g/s



FEULING #9948
DRAG #1022-0119
 EV-1 Plug in
 02-17 VROD; High Flow 02-16 Touring (except 06-07), 04-05 Dyna, 01-05 Softail, 16-17 Softail, 07-17 Sportster
 Delivers fuel at 5.1 grams per second with 4 spray holes and 20 degree dual spray pattern

5.3 g/s



FEULING #9945
DRAG #1022-0228
 EV-1 Plug in
 02-16 Touring (except 06-07), 04-05 Dyna, 01-05 Softail, 16-17 Softail, 07-17 Sportster
 Delivers fuel at 5.3 grams per second with a 4 hole cone spray pattern

5.7 g/s



FEULING #9943
DRAG #1022-0115
 EV-1 Plug in
 02-16 Touring (except 06-07), 04-05 Dyna, 01-05 Softail, 16-17 Softail, 07-17 Sportster
 Delivers fuel at 5.7+ grams per second with a 3-13 degree cone spray pattern

6.2 g/s



FEULING #9939
DRAG #1022-0231
 EV-1 Plug in
 02-16 Touring (except 06-07)
 04-05 Dyna, 01-05 Softail, 16-17 Sportster
 Delivers fuel at 6.2 grams per second with a single hole, cone spray pattern

8.2 g/s



FEULING #9947
DRAG #1022-0161
 EV-1 plug in
 02-16 Touring (except 06-07), 04-05 Dyna, 01-05 Softail, 16-17 Softail, 07-17 Sportster, 02-17 VROD
 Delivers fuel at 8.2+ grams per second with 26 degree cone spray pattern

TWIN CAM, EVO, XL EV-6

3.91 g/s



FEULING #9940
DRAG #1022-0112
 EV-1 plug in
 02-16 Touring (except 06-07), 04-05 Dyna, 01-05 Softail, 16-17 Softail, 07-17 Sportster, 02-17 VROD
 Delivers fuel at 8.2+ grams per second with 26 degree cone spray pattern

4.9 g/s



FEULING #9942
DRAG #1022-0114
 EV-6 plug in
 06-07 Touring, 06-17 Dyna, 06-15 Softail
 Included SE 50, 58 and 62mm cable drive throttle bodies
 Injectors provide 25% more fuel than the OE injectors
 Delivers fuel at 4.9 grams per second through 4 spray holes with a dual pattern 13°/6°

5.3 g/s



FEULING #9949
DRAG #1022-0120
 EV-6 Plug in
 06-07 Touring, 06-17 Dyna, 06-15 Softail
 Injectors provide 35% more fuel than the OE injectors
 Delivers fuel at 5.3 grams per second

6.2 g/s



FEULING #9944
DRAG #1022-0116
 EV-6 Plug in
 06-07 Touring, 06-17 Dyna, 06-15 Softail and engines
 Provides 59% more fuel than the OE injectors, delivering fuel at 6.2 grams per second

M-EIGHT EV-6

4.4 g/s



FEULING #9933
DRAG #1022-0275
 EV-6 plug in
 17-26 M-Eight
 OEM Fuel injector
 Delivers fuel at 4.4 grams per second through multiple spray holes

5.3 g/s



FEULING #9934
DRAG #1022-0229
 EV-6 plug in
 17-26 M-Eight
 20% more fuel than OE injectors
 3.5% less than SE 5.5 G/S injectors
 Delivers fuel at 5.3 grams per second through multiple spray holes

6.1 g/s



FEULING #9935
DRAG #1022-0230
 EV-6 plug in
 17-26 M-Eight
 27% more fuel than OE injectors
 11% more than SE 5.5 G/S injectors
 Delivers fuel at 6.1 grams per second through multiple spray holes

7.6 g/s



FEULING #9936
DRAG #1022-0301
 EV-6 plug in
 17-26 M-Eight
 Provides 73% more fuel than the OE injectors
 25% more fuel than Feuling #9935
 Delivers fuel at 7.6 grams per second through multiple spray holes