



# INSTALLATION

## JET KIT FOR ROAD STAR

## 9450

FITS: '99-UP ROAD STAR 1600 OR 1700 (EX. WARRIOR) EQUIPPED WITH KÜRYAKYN AIR CLEANERS

PART#	INCLUDED
200027	1 .020" Shim
400602	1 #205 Main Jet
401351	1 1.5 Air Bleed
400889	1 #175 Main Jet
401713	1 #182.5 Main Jet
401693	1 #185 Main Jet
401712	1 #187.5 Main Jet
401711	1 1.3 Air Bleed
401710	1 37.5 Pilot Jet
401697	1 1158j-72W Jet Needle with Clips
309450	1 Installation Instructions

### IMPORTANT

The jets included in this kit were selected based on test results with various combinations of components that we felt would represent the majority of the customers purchasing this kit. However, no two motorcycles are exactly alike. Depending on the individual case, additional jets may need to be purchased from an outside source. The following recommendations are intended as a starting point and should work well in the majority of cases. Individual bikes may need additional tuning to achieve maximum performance. If the exact combination is not listed, choose the listing that most closely resembles the configuration of the motorcycle. These baselines were established at 700 feet above sea level.

### SETTING THE PILOT MIXTURE SCREW

While the carburetor is removed for re-jetting, remove the pressed-in plug covering the pilot mixture screw and as a starting point, set the PMS two turns out from lightly bottomed.

Once the bike is completely reassembled, start it and allow the engine to reach normal operating temperature so the bike will idle on its own without the enrichener. Search for the highest idle speed by slowly turning the PMS inward and outward; there will be a small range where idle speed is maximized. Once the highest idle speed has been located, turn the PMS inward ever so slowly until the idle begins to drop then back it out just enough to make the idle speed pick back up. You have now located the ideal PMS setting.

### ROAD STAR 1600

Road Star 1600 with Hypercharger, Pro-Series Hypercharger, Hi-Five, or Twin Velocity These items are in a separate, small poly bag inside the jet kit. We have found that this jetting combination works well with all of our air cleaners.

Main Jet	205
Needle	Add one .020" shim to raise needle
Pilot Air Bleed	1.5

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**CUSTOMER SERVICE**  
877.370.3604 (toll free)

**INSTALLATION QUESTIONS**  
techsupport@kuryakyn.com  
or call 715.247.2983

### WARRANTY

Kuryakyn™ warrants that any Kuryakyn product sold hereunder, if properly installed, maintained and operated under normal conditions, shall be free from any defects in materials and workmanship for a period of one (1) year from the date the Kuryakyn products are sold to the customer.

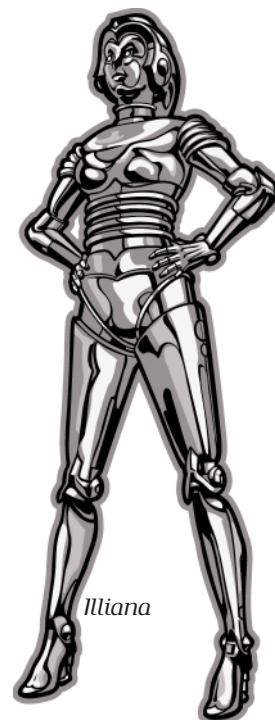
**CONSEQUENTIAL DAMAGES:**  
Kuryakyn shall not be liable for any consequential or incidental damages.

### ABOUT OUR CATALOG

You'll find all our innovations for HD, GL and Metric Cruisers in our annual catalogs. Order online today--select the "CATALOGS" icon. Each Kuryakyn™ product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

Be sure to ask your local dealer about other Kuryakyn products, the motorcycle parts and accessories designed for riders by riders.

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**ROAD STAR 1700 HYPERCHARGER COMBINATIONS****ROAD STAR 1700 WITH HYPERCHARGER AND STOCK EXHAUST:**

Main Jet	185
Needle	1158j-72W (clip in 4th groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

**ROAD STAR 1700 WITH HYPERCHARGER AND COBRA SLIP-ON MUFFLERS:**

Main Jet	175
Needle	1158j-72W (clip in 3rd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

**ROAD STAR 1700 WITH HYPERCHARGER AND HARD KHROME STAGGERED STRAIGHTS:**

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

**ROAD STAR 1700 WITH HYPERCHARGER AND COBRA LO-BOYS STAGGERED DUALS:**

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

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## PRO-SERIES HYPERCHARGER COMBINATIONS

### ROAD STAR 1700 WITH PRO-SERIES HYPERCHARGER AND STOCK EXHAUST:

Main Jet	185
Needle	1158j-72W (clip in 4th groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

### ROAD STAR 1700 WITH PRO-SERIES HYPERCHARGER AND COBRA SLIP-ON MUFFLERS:

Main Jet	175
Needle	1158j-72W (clip in 3rd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

### ROAD STAR 1700 WITH PRO-SERIES HYPERCHARGER AND HARD KHROME STAGGERED STRAIGHTS:

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

### ROAD STAR 1700 WITH PRO-SERIES HYPERCHARGER AND COBRA LO-BOYS STAGGERED DUALS:

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

## HI-FIVE COMBINATIONS

### ROAD STAR 1700 WITH HI-FIVE AND STOCK EXHAUST:

Main Jet	187.5
Needle	1158j-72W (clip in 3rd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

### ROAD STAR 1700 WITH HI-FIVE AND COBRA SLIP-ON MUFFLERS:

Main Jet	175
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

### ROAD STAR 1700 WITH HI-FIVE AND HARD KHROME STAGGERED STRAIGHTS:

Main Jet	187.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

### ROAD STAR 1700 WITH HI-FIVE AND COBRA LO-BOYS STAGGERED DUALS:

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

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**TWIN VELOCITY COMBINATIONS****ROAD STAR 1700 WITH TWIN VELOCITY AND STOCK EXHAUST:**

Main Jet	185
Needle	1158j-72W (clip in 4th groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

**ROAD STAR 1700 WITH TWIN VELOCITY AND COBRA SLIP-ON MUFFLERS:**

Main Jet	175
Needle	1158j-72W (clip in 3rd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

**ROAD STAR 1700 WITH TWIN VELOCITY AND HARD KHROME STAGGERED STRAIGHTS:**

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

**ROAD STAR 1700 WITH TWIN VELOCITY AND COBRA LO-BOYS STAGGERED DUALS:**

Main Jet	182.5
Needle	1158j-72W (clip in 2nd groove)
Pilot Air Bleed	1.3
Pilot Jet	37.5

*Ride On!*

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