



CHROME SWITCH HOUSING KIT

1747

PARTS INCLUDED

- 1 Upper Right Switch Housing — Chrome
- 1 Lower Right Switch Housing — Chrome
- 1 Upper Left Switch Housing — Chrome
- 1 Lower Left Switch Housing — Chrome
- 1 Hardware Kit Including:
 - 4 #10-24 x 1/2" Torx Fastener
 - 4 #10 Split Lock Washer
 - 1 Spring
 - 1 Friction Shoe
 - 1 Thumbscrew
 - 2 "E" Clip
 - 2 Rubber Plugs—**NOT USED**
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KÜRYAKYN!

IN ORDER TO PROTECT YOU AND OTHERS FROM POSSIBLE INJURY AND/OR PROPERTY DAMAGE OR LOSS, PLEASE PAY CLOSE ATTENTION TO ALL INSTRUCTIONS, WARNINGS, CAUTIONS AND NOTICES REGARDING THE USE AND CARE OF THIS PRODUCT.

WARNING

THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.

NOTICE

This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.

NOTICE

IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THE IMPORTANT INFORMATION CONTAINED IN THEM.

TOOLS SUGGESTED

Set of Torx Wrenches, Set of Hex Wrenches, Phillips Screwdriver, Service Manual for your bike.

STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.

STEP 1

Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn off the ignition.

WARNING

A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.



REMOVE THE MAIN FUSE BEFORE STARTING THIS PROCEDURE. ACCIDENTAL STARTING OF THE MOTORCYCLE COULD CAUSE SERIOUS INJURY OR DEATH.



Avoid damage to the motorcycle. Protect painted surfaces with a soft cloth or blanket.

PROCEDURE - BRAKE SIDE

STEP 2 Remove the main fuse as outlined in the service manual.

STEP 3 Using a Torx wrench, loosen the top fastener that secures the handle bar clamp to the master cylinder housing. Remove the bottom fastener from the clamp.

STEP 4 Loosen the throttle cable adjusters as outlined in the service manual.

NOTE: The friction shoe in the following Step is not secured in the bottom switch housing and may fall out if the housing is shaken or turned upside down.

STEP 5 Using a Torx wrench, remove the upper and lower switch housing fasteners. Remove the brass ferrules from the notches on the inboard side of the throttle grip. Remove the ferrules from the cable end fittings. Remove the throttle grip. Remove the friction shoe from the end of the tension adjuster screw. Set the ferrules and grip aside, they will be reused.

STEP 6 With a rocking motion, pull the throttle and idle cables from the lower switch housing. Secure these out of the way for now.

NOTE: It may help to use a drop of light weight oil on the retaining clips on the cables before trying to remove the cables.

NOTE: To assist in reassembly, note the routing of the wires inside the housing.

STEP 7 Remove the two fasteners and the retainer. PIC 1 Carefully remove the switch assembly and the brake light switch from the housing. PIC 1 Set these hardware aside, they will be reused.

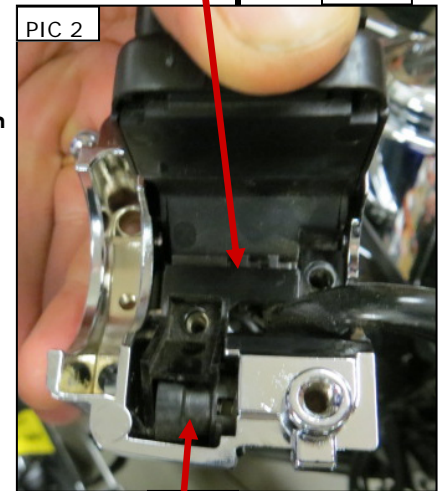
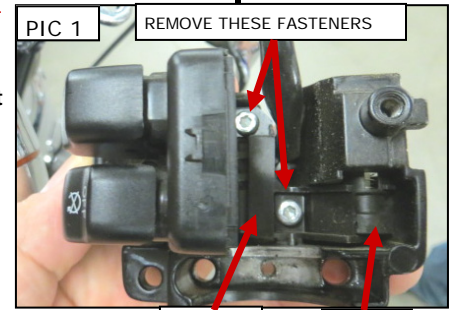
NOTE: At this point you can either install the OEM, or the supplied adjuster screw for tensioning the friction shoe. To remove the OEM adjuster screw from the stock switch housing, thread it in as far as it will go and remove the E-clip that retains it, then unscrew it from the housing.

STEP 8 Locate the new thumb screw, spring, E-clip and friction shoe from the hardware kit. Slide the spring over the thumb screw and thread it into the bottom housing until it bottoms out. Install the E-clip to the top of the thumb screw, then back the thumb screw out until lightly bottomed against the E-clip. Place the switch assembly into place in the new Chrome bottom housing. Carefully install the brake light switch. Install the retainer with the two fasteners removed in Step 7. PIC 2

NOTE: If the wires are routed incorrectly, they may be pinched by the casting or handlebar resulting in a switch failure. Make sure the rubber grommet on the wire harness goes to the correct place in the bottom switch housing.

STEP 9 Install the throttle cables into the bottom housing, small insert to the small hole, large insert to the large hole.

NOTE: It may help to use a drop of light weight oil on the retaining clips on the cables before trying to install the cables.



BRAKE SWITCH

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STEP 10 Install the friction shoe on the point of the thumb screw. Slide the throttle grip onto the handlebar. PIC 3

NOTE: The friction shoe is not secured in the bottom switch housing and may fall out if the housing is shaken or turned upside down.

STEP 11 Raise the bottom housing up to the throttle grip. PIC 3 Install the brass ferrules onto one of the cables and install it to the throttle grip. Repeat for the second cable and ferrule. Make sure the ferrules are seated and the cables are in the grooves of the throttle grip.

STEP 12 Install the top switch housing to the bottom using the supplied Torx fasteners. Leave the Torx fasteners finger tight.

STEP 13 Place the master cylinder behind the new switch housing. The tab on the lower part of the switch housing will fit into the notch on the top of the master cylinder. PIC 4

STEP 14 Install the lower master cylinder clamp fastener that was removed in Step 3 loosely. Make sure the master cylinder is in the desired position and tighten the top fastener on the clamp securely. Then tighten the bottom fastener securely.

NOTE: On motorcycles with OEM internal wiring, make sure the seam between the top and bottom switch housings is between the marks on the handle bar. This will ensure no damage occurs to the wire harness.

STEP 15 Make sure the tab and notch remained lined up and tighten the bottom switch housing fastener securely. Tighten the top fastener securely.

STEP 16 Adjust the throttle cables as outlined in the service manual. **Rotate the throttle open and make sure it returns correctly before starting the motorcycle.**

⚠ WARNING FAILURE TO ADJUST THE THROTTLE CABLES PROPERLY MAY RESULT IN LOSS OF CONTROL CAUSING SEVERE INJURY OR DEATH.

⚠ WARNING ROTATE THROTTLE AND CHECK THAT IT MOVES FREELY AND RETURNS TO CLOSED BEFORE STARTING BIKE. FAILURE OF THE THROTTLE TO RETURN COULD RESULT IN LOSS OF CONTROL CAUSING SERIOUS INJURY OR DEATH.

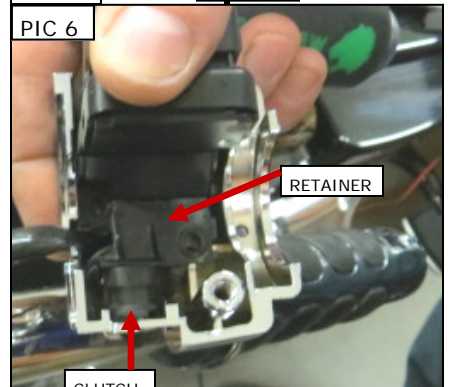
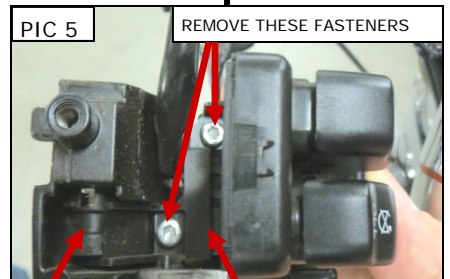
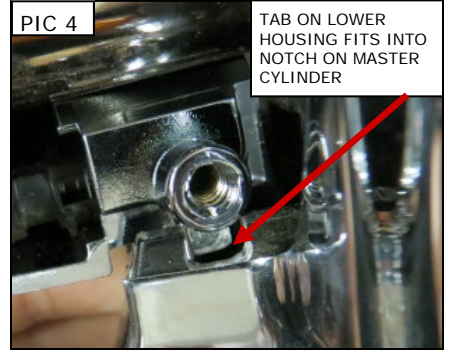
PROCEDURE - CLUTCH SIDE

STEP 17 Using a Torx wrench, loosen the top fastener that secures the handle bar clamp to the clutch perch. Remove the bottom fastener from the clamp.

STEP 18 Using a Torx wrench, remove the upper and lower switch housing fasteners. Remove the top switch housing.

NOTE: To assist in reassembly, note the routing of the wires inside the housing.

STEP 19 Remove the two fasteners and the retainer. PIC 5 Carefully remove the clutch switch and switch assembly from the housing. PIC 5 Set these hardware aside, they will be reused.



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STEP 20 Place the switch assembly into place in the new Chrome bottom housing. Carefully install the clutch switch. Install the retainer with the two fasteners removed in Step 19. PIC 6

NOTE: If the wires are routed incorrectly, they may be pinched by the casting or handlebar resulting in a switch failure. Make sure the rubber grommet on the wire harness goes to the correct place in the bottom switch housing.

STEP 21 Raise the bottom housing up into place under the clutch side grip. Install the top switch housing to the bottom using the supplied Torx fasteners. Leave the Torx fasteners finger tight.

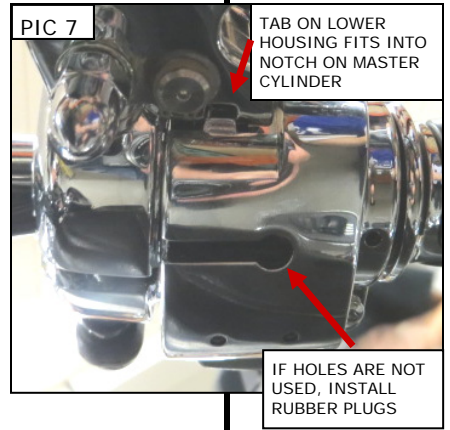
STEP 22 Place the clutch perch behind the new switch housing. The tab on the lower part of the switch housing will fit into the notch on the top of the clutch perch. PIC 7

STEP 23 Install the lower clutch perch clamp fastener that was removed in Step 17 loosely. Make sure the clutch perch is in the desired position and tighten the top fastener on the clamp securely. Then tighten the bottom fastener securely.

NOTE: On motorcycles with OEM internal wiring, make sure the seam between the top and bottom switch housings is between the marks on the handle bar. This will ensure no damage occurs to the wire harness.

STEP 23 Make sure the tab and notch remained lined up (PIC 7) and tighten the bottom switch housing fastener securely. Tighten the top fastener securely.

STEP 24 Replace the main fuse as outlined in the service manual and test all switches and levers (clutch-brake) for proper function.



WARNING ENSURE PROPER SWITCH AND LIGHT OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY AND PROPER SWITCH FUNCTION ARE A MAJOR CONCERN FOR MOTORCYCLISTS. A SWITCH OR LIGHTING MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

WARNING ENSURE THAT THE CLUTCH CABLE, THROTTLE CABLES AND WIRING ARE NOT PINCHED OR STRETCHED AT ANY POINT WHEN THE HANDLEBARS ARE TURNED TO THEIR FULL STOP POSITION ON EITHER SIDE. STRETCHED OR PINCHED CABLES OR WIRES CAN CAUSE LOSS OF CONTROL THAT COULD RESULT IN SEVERE INJURY OR DEATH.

NOTICE It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Küryakyn will not provide warranty coverage on products or components lost due to improper installation or lack of maintenance. Periodic inspection and maintenance are required on all fasteners.