



# INSTRUCTIONS

-J01669

REV. 7-24-2001

Kit Numbers 26792-01

## BRAIDED STAINLESS COOLANT HOSE KIT

### General

This kit is designed to fit 2002 and later VRSC model motorcycles.

See Service Parts Page Illustration for kit contents.

#### **WARNING**

A service manual is required for correct installation of this kit. If you do not have a service manual, get one from your Harley-Davidson Dealer or have your Harley-Davidson Dealer install this kit. Incorrect installation of this kit could result in death or serious injury.

#### NOTE

A Service Manual for your motorcycle is available for purchase at your Harley Davidson Dealer.

### Installation

#### **WARNING**

Perform this installation when the engine is cool. Installing this kit when the engine and coolant is still hot could result in serious injury.

1. Wait for cooling system to completely cool down.
2. Refer to applicable Service Manual and remove outer (cosmetic) airbox cover. Save components for installation.
3. Refer to applicable Service Manual and remove upper and lower halves of air filter housing. Save all components for installation.

#### **WARNING**

To protect against shock and accidental start-up of vehicle, disconnect the negative battery cable before proceeding. Inadequate safety precautions could result in death or serious injury.

#### **WARNING**

Always disconnect the negative battery cable first. If the positive battery cable should contact ground with the negative battery cable installed, the resulting sparks may cause a battery explosion, which could result in death or serious injury.

4. Disconnect the battery cables, negative cable first.

#### NOTE

It is not necessary to drain the cooling system however, a small amount of coolant will escape when removing hoses. After installing new braided hoses, top off the cooling system using specifications from applicable Service Manual.

6. See Figure 1. Remove the clamp screw securing the cooling lines to the engine (near the battery) and remove the clamp. Save screw and clamp for installation.

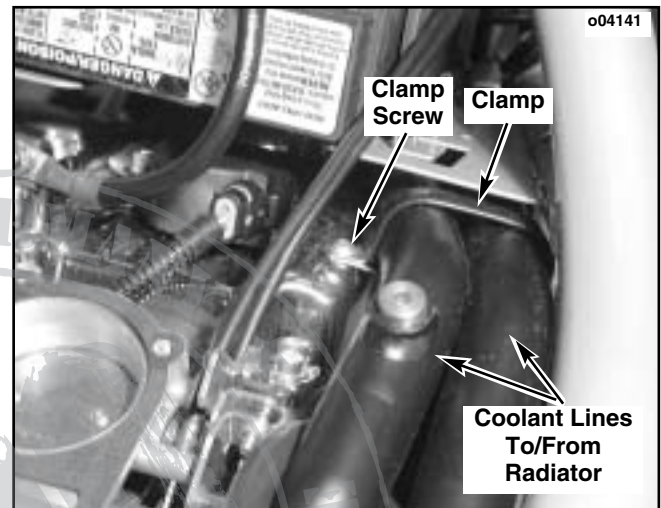


Figure 1. Remove Cooling Line Clamp and Screw

7. See Figure 2. Loosen the lower worm drive screw and remove the lower coolant hose clamp. Save clamp for installation.

#### NOTE

When performing the following step, the decorative (chrome) coolant hose cover will be removed with the hose clamp.

8. Loosen the worm drive screw and remove the upper hose clamp and decorative cover. Save for reinstallation.

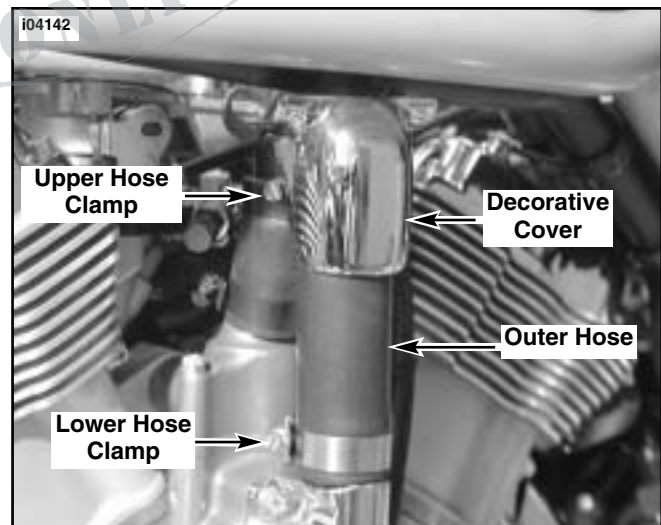
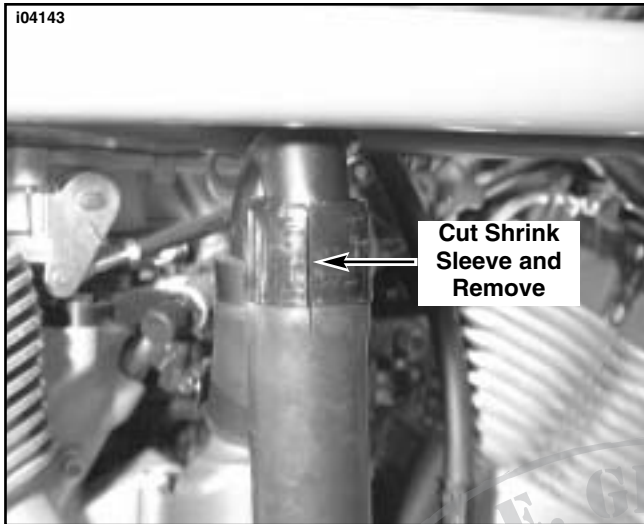


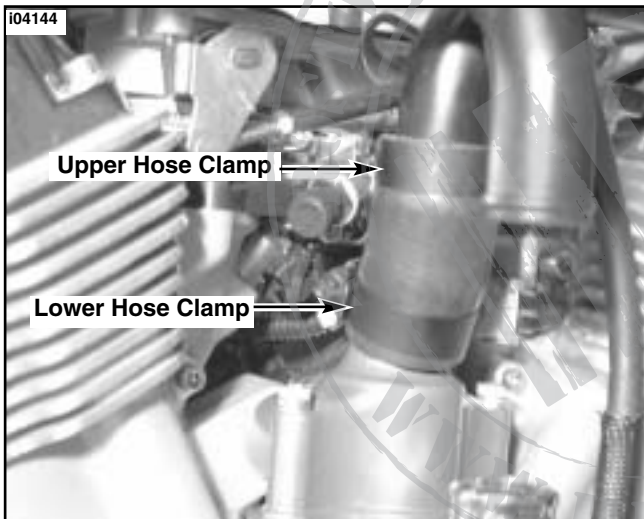
Figure 2. Remove Cooling Line Clamp and Screw

- See Figure 3. Using a knife, cut a slit down the upper plastic shrink tube and remove the shrink sleeve. Using a twisting motion (cut hose, if necessary), remove the hose ends from line tubes. Discard hose.



**Figure 3. Cut and Remove Shrink Sleeve**

- See Figure 4. Loosen worm drive screws and remove upper and lower clamps from inner (short) hose. Use knife and cut hose in half to remove. Discard hose.



**Figure 4. Remove Inner Hose Upper and Lower Clamps**

- See Service Parts Page Illustration. Obtain new worm drive Clamp (3) and Decorative Cover (4) from kit. Tighten clamp to decrease diameter until clamp will fit into decorative cover as shown. Loosen clamp until clamps rounds out fully on inside of cover as shown. (with clamp adjuster extending from cut-out). Perform the same procedure for the remaining cover and clamp.
- Obtain new Inner Hose (2) from kit. Slide the decorative cover (with clamp) over one end of hose until hose butts up against end of cover.

**NOTE**

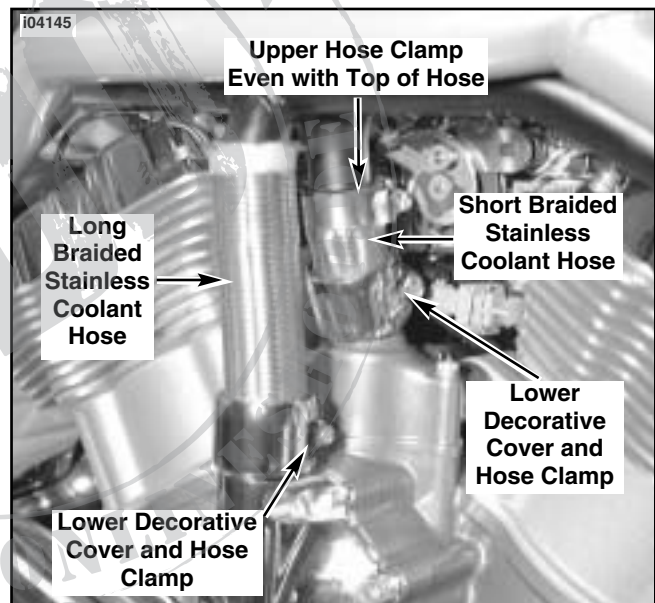
When performing the next few steps, it will be necessary to relocate (move) the coolant (metal) lines away from the inlet/outlet tubes to provide room for installing hose. Be extremely careful not to bend or kink metal coolant lines when relocating.

- See Figure 5. Orient hose with decorative cover at bottom. Use coolant to lubricate end and install hose onto inlet tube. Twist while pushing downward until hose slides as far down onto tube as possible. At the top of frame, lightly lubricate hose with coolant and install the coolant line tube into top of hose. Twist hose assembly while pushing tube into hose as far as down as possible.

**NOTE**

One stainless clamp (removed in Step 7) and two black clamps (removed in Step 10) are left from removing the original hoses. It is up to you which of the clamps you prefer to use to secure upper portion of the inner braided hose.

- Install one of the saved hose clamps so that clamp is even with top of hose to secure the hose to the coolant line tube (coming from radiator).
- Rotate decorative cover on bottom and hose clamp on top so that clamps are positioned on inner side of braided line (least visible)
- Tighten upper and lower hose clamps securely.
- See Service Parts Illustration and Figure 5. Obtain longer braided hose (1) and remaining Worm Drive Clamp (3) and Decorative Cover (4) assembled during Step 11.



**Figure 5. Install Braided Hoses and Clamps**

- Slide the decorative cover onto one end of the hose until the hose butts up completely against the end of the cover.
- Refer to Figure 5. Use coolant and lightly lubricate the inside of the end of hose. Orient hose with decorative cover at bottom as shown and install hose onto inlet tube. Twist while pushing downward until hose slides as far down onto tube as possible. Do not tighten worm drive clamp
- Use coolant and lightly lubricate the opposite end of hose and install the coolant line tube into top of hose. Twist hose assembly while pushing tube into hose as far as down as possible.
- Reorient lower decorative cover and hose clamp so clamp is on inner side of hose (least visible).

22. See Figure 6. Install upper hose clamp with decorative cover (removed in Step 3) and align so cover is straight. Tighten hose clamp securely.

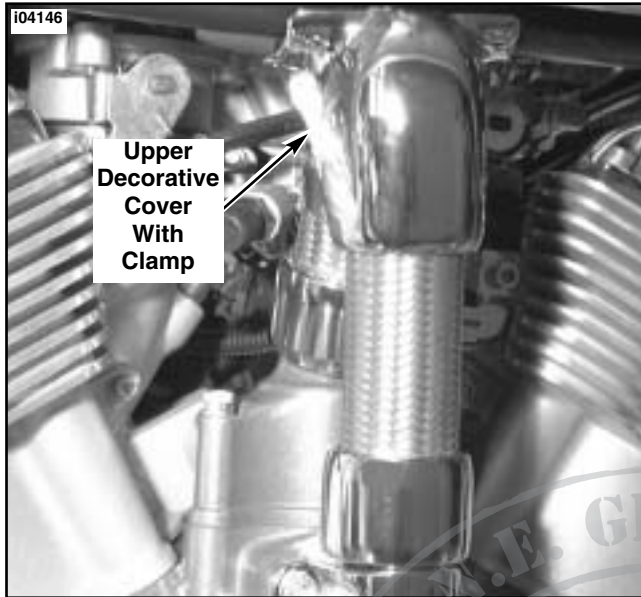


Figure 6. Install Upper Clamp and Cover

**WARNING**

Always connect the positive battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting spark may cause a battery explosion, which could result in death or serious injury.

23. Install the battery cables, positive cable first.
24. Refer to applicable Service Manual and install upper and lower halves of air filter housing.
25. Refer to applicable Service Manual and top off the cooling system according to specifications.
26. Refer to applicable Service Manual and install outer (cosmetic) airbox cover.



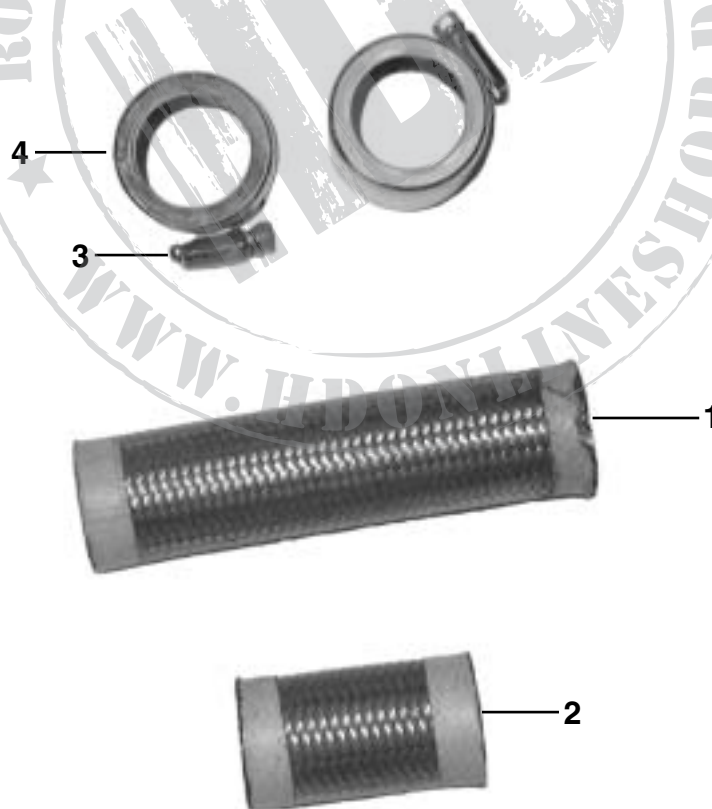
# Service Parts

Part Number 26792-01

Date 7/01

Braided Stainless Coolant Hose Kit

104147



Item	Description/Qty	Part Number
1	Hose, inlet (braided stainless)	26793-01
2	Hose, outlet (braided stainless)	26794-01
3	Clamp, cosmetic hose (2)	26795-01
4	Sleeve, decorative clamp (2)	26796-01