

EE Hydraulic Clutch Hose

- 1 Remove the seat and gas tank.
- 2 Using a 13mm wrench, remove the banjo bolt that secures the clutch hose to the clutch slave cylinder. (Figure 1)
- 3 Slide back the rubber dust cover and use an 11mm wrench to remove the clutch hose fitting from the clutch master cylinder. (Figure 2)
- 4 Note the way the stock hose is routed, and then remove the stock clutch hose. Route the new hose in the same manner as the stock hose. The banjo fitting goes on the master cylinder (handlebar side), the straight fitting goes to the slave cylinder (engine side).
- 5 Use the supplied banjo bolt along with 2 supplied copper washers (1 on each side of the fitting) (Figure 3) to connect the clutch hose to the master cylinder. Use a 14mm wrench to tighten the fitting. Be sure to position the bend of the hose against the handlebar to protect the hose from loosening and/or breakage from an impact. (Figure 4)
- 6 Remove the compression fitting from the EE clutch hose. (Figure 5) Use 1 of the supplied copper washers on the compression fitting (Figure 6) and thread the compression fitting into the clutch slave cylinder and tighten with a 14mm wrench. (Figure 7)
- 7 Thread the EE clutch hose onto the compression fitting and tighten by using a 13mm wrench on the hose fitting and holding the compression fitting with a 14mm wrench. (Figure 8)
- 8 Position the clutch master cylinder on the handlebar so that the reservoir is level.

Use a Phillips head screw driver to remove the reservoir cap from the clutch master cylinder. Fill the reservoir with mineral oil or automatic transmission fluid only. Do not use brake fluid! **WARNING: USING BRAKE FLUID IN THE CLUTCH SYSTEM CAN CAUSE SEVERE DAMAGE TO THE RUBBER PARTS IN THE MASTER CYLINDER AND THE SLAVE CYLINDER.**

9 To bleed the system using EE bleeder kit 23-010 or equivalent: Position the clutch master cylinder so that the fluid reservoir is level on the handlebar. Remove the reservoir cover from the clutch master cylinder. Remove the stock 8mm bleeder fitting from the banjo fitting or from the clutch slave cylinder. Insert and tighten the supplied adaptor fitting from the bleeder kit in place of the bleeder fitting (Figure 9). Fill one of the supplied syringes half full of the correct hydraulic fluid for your clutch system. Push the supplied clear hose onto the syringe. Hold the syringe upside down and push fluid all the way up through the clear hose to force all the air out of the syringe and the hose. Force the open end of the clear hose over the adaptor fitting. (Figure 10) Slowly push the syringe plunger down (Figure 11) while watching the fluid level in the master cylinder. Use the other supplied syringe to suck excess fluid out of the master cylinder as needed. You want to push fluid up through the clutch hose and into the master cylinder until the air bubbles stop coming up in the reservoir. Once the air bubbles have stopped, remove the syringe and the clear hose from the supplied adaptor fitting. Remove the supplied adaptor fitting and re-install and tighten the stock bleeder fitting.

10 To gravity bleed the system: Pump your clutch lever several times, then while holding your clutch lever in, loosen the 14mm bottom fitting on the slave cylinder, not the 13mm compression fitting, to let air escape, and then snug the fitting up before you release the clutch lever. Do this repeatedly until pressure returns to the clutch. Refill the reservoir with the correct fluid as needed. Once most of the air is out, connect a small piece of tubing to the bleeder. Now pump your clutch lever a few times and hold it in while you loosen just the 8mm bleeder. You should see the remaining air (bubbles) escape in the tubing. Tighten the bleeder and then release the clutch lever. Repeat until you have consistent pressure when the clutch lever is pulled.

11 Fill the clutch reservoir to the proper level with the mineral oil or automatic transmission fluid. Replace the clutch reservoir cover. Make sure the open side of the bellows seal (Figure 12) is covering the reservoir hole. (Figure 13)



FIG 1



FIG 2



FIG 3



FIG 4



FIG 5



FIG 6



FIG 7



FIG 8



FIG 9



FIG 10



FIG 11



FIG 12



FIG 13

WARNING AND DISCLAIMER

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INSTRUCTIONS

Hydraulic Clutch Hose

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