



VMax Front Brake Hose Kit
Part #R09797
Installation Instructions

Please study these instructions carefully before installing your new Clutch Hose Kit. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday.

IMPORTANT NOTE: Proper installation is the responsibility of the installer. Improper installation will void warranty and may result in poor performance and engine or vehicle damage.

INSTALLATION INSTRUCTIONS

NOTE: Secure the motorcycle so that you can work safely without the possibility of it falling over.

1. Begin by removing the four (4) bolts from the headlight assembly. Place a rag or towel on the front fender to rest the headlight on so that the paint is not damaged (See Fig 1).
2. Remove the plastic shroud covering the front of the radiator to allow more working room for the following steps. Remove the two (2) aluminum side covers held in place by two (2) button head bolts each. Remove the two (2) bolts, one (1) behind each aluminum cover, and the connector on the left side to allow the shroud to hang behind the front fender (See Fig 2). **IMPORTANT:** Make sure to note the exact orientation and routing of all the factory brake hoses before removal. Your new Russell Brake Hose Kit is designed to fit exactly like the factory brake hoses. The ABS hard lines are located behind the front suspension forks above the radiator. They should be marked according to there corresponding brake hose. The upper hard line: lower brake hose, and lower hard line: upper brake hose (Fig.3).
3. Begin the removal of the upper brake hose from the master cylinder along with any clips that were located behind the headlight. Use rags to catch any brake fluid leakage to prevent paint damage. Cap the master cylinder to prevent fluid loss. **NOTE:** Loosen, but do not fully remove the bolt retaining the ABS junction blocks. This will allow enough room to loosen the flare nuts with a flare nut wrench. After the flare nuts have been removed, remove the junction block retaining bolt. Note which hose is connected to each hard line (See Fig 4).
4. Continue removing the other lower brake hoses, brackets, and clips as necessary while still noting the location of each part. The left caliper will have a double banjo bolt that will be reused with the Russell Brake Hose Kit, as well as the caliper bolt for the right caliper. (See Fig 5).
5. All the factory front brake hoses should now be removed from the VMax. Install your new Russell Brake Hoses in the reverse order that the factory hoses were removed. Follow all the factory routing and orientation of clips, brackets and banjos. **NOTE:** Before bolting the Russell ABS junction blocks in their factory location, hand tighten the flare nuts to their corresponding brake hose. Upper hard line: lower brake hose, Lower hard line: upper brake hose. Reuse the factory bracket retaining the ABS blocks in their location. Loosely thread the retaining bolt through the ABS junction blocks then completely tighten the flare nuts to the junction blocks. After the hard line to junction has been tightened, completely tighten the retaining bolt.
6. Once the Russell Brake Hoses are installed with all factory clips and brackets reinstall the plastic radiator shroud and headlight assembly.
7. Bleed the system beginning with the left caliper and moving to the right caliper. Ensure all air has been removed and check for any leaks.

