



Bulletin #: IMCSB-
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 Rev: A
 Date:
 Affected Models:
 VINs:

Service Bulletin

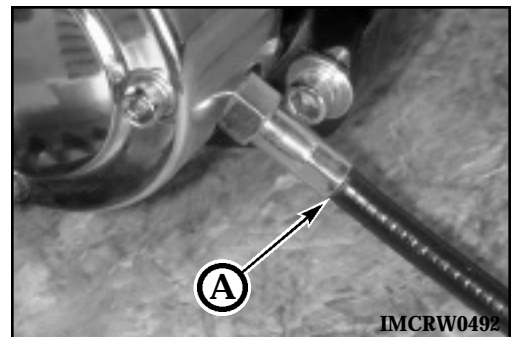
Clutch Cable

Important

Read these instructions carefully and thoroughly before comencing work. If you do not understand the instructions or have questions, see your supervisor. If you are unsure of any of the procedures, please contact your Indian Field Service Manager (FSM).

Clutch Cable

Due to stress on the clutch cable connection at the transmission, oil can leak out between the hose and crimped connection (A). This bulletin details the removal and cleaning of the clutch cable, and the installation of shrink-tubing over the connection. The shrink-tubing will seal and add stiffness to to the connection.



Service Kit

Part #	Part Description	Qty
	Shrink-tubing	1

Tools Required

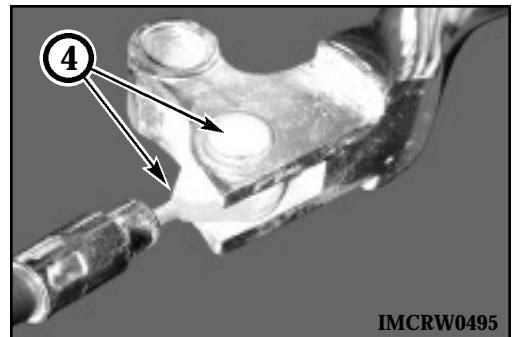
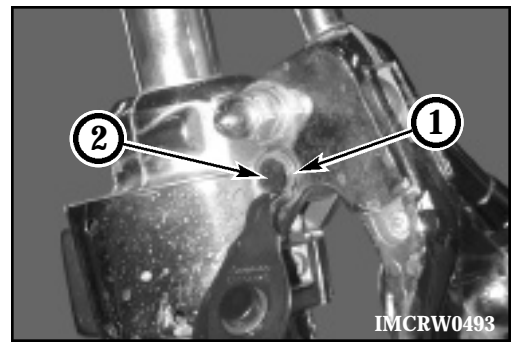
Snap Ring Pliers	5/32" Allen Wrench
Heat Gun	

Materials Required

Degreaser (electrical contact Cleaner)
Cleaning Cloth
Zip Tie

Clutch Cable Removal

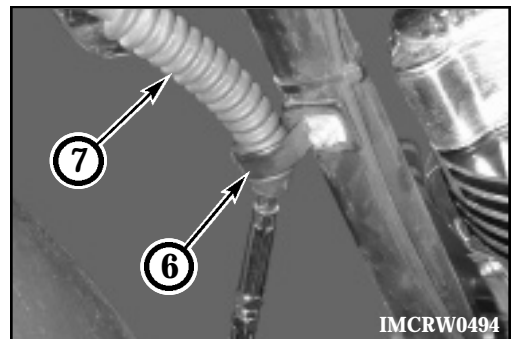
- 1 Using small snap ring pliers, remove the snap ring from the bottom of the clutch lever pivot pin.
- 2 Push up on the pivot pin and remove.
- 3 With the pin removed, slowly pull the lever and cable out from its bracket.
- 4 Remove the nylon cable retaining pin and cable end from the lever.
- 5 Inspect the parts and replace if damaged or worn.
- 6 Route the clutch cable out through the cable retainer on the frame.
- 7 Slide the rubber boot off the clutch cable.



Cleaning

To fit the new shrink-tubing, it must slide down the length of the clutch cable. To avoid contaminating the sealant on the inner surface of the tubing the whole length of the cable must thoroughly cleaned and degreased.

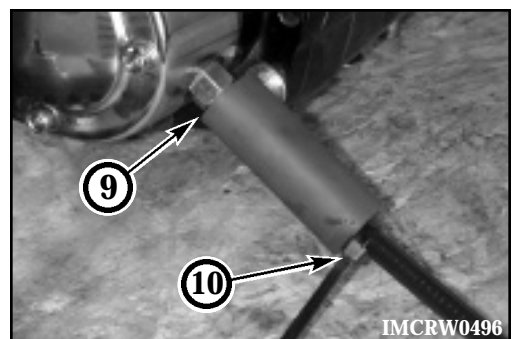
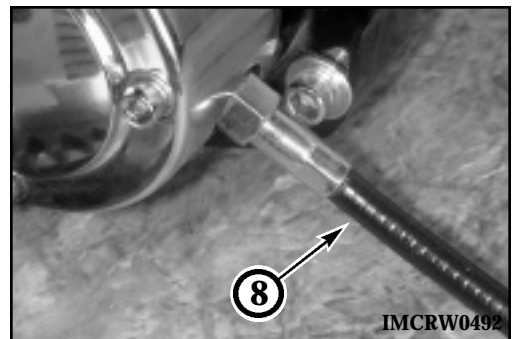
- 8 Clean the length of the clutch cable with a degreasing cleaner. Ensure the connection at the transmission is thoroughly degreased. Do not use a silicone based cleaner, use an electrical contact cleaner.



Installation

- 9 Slide the shrink-tubing down the length of the clutch cable. Position the tubing against the tightening nut on the cable.
- 10 To keep the tubing in position during the heating/shrinking process, fit a Ziptie at the end of the tubing.
- 11 Using a heat gun, apply heat to the whole surface of the shrink-tubing.

WARNING: For the tubing to shrink and seal correctly, heat must be applied to the whole surface of the tubing - all the way around the tubing and over the full length



Refit

- 12 Refit the rubber boot and position over the adjustment nuts.
- 13 Route the clutch cable through the cable retainer on the frame.
- 14 Insert the cable end between the nylon pivot bushings in the lever and refit the retaining pin.
- 15 Refit the lever into its bracket and insert the pivot pin.
- 16 Using snap ring pliers, refit the snap ring to the groove in the bottom of the pivot pin.
- 17 Check the clutch functions correctly.

