



## Cable Fitting Instructions

Thank you for purchasing Ashima. These premier cables will enhance your riding experience delivering improved braking/shifting. To realize their full potential it is essential that they are correctly installed.

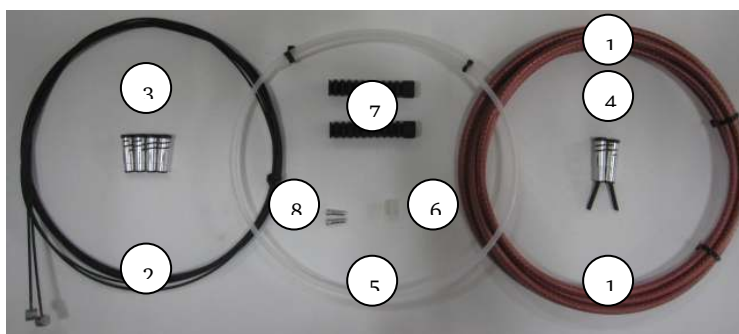
Ashima strongly recommends cables (safety critical items) are fitted by a qualified cycle mechanic who has read and fully understood these instructions. If in doubt consult your local bicycle retailer.

### TOOLS REQUIRED:

Cable Cutter, Allen Keys, Screw-Drivers, Sharp Knife, Scissors, Flat file



### CONTENTS:

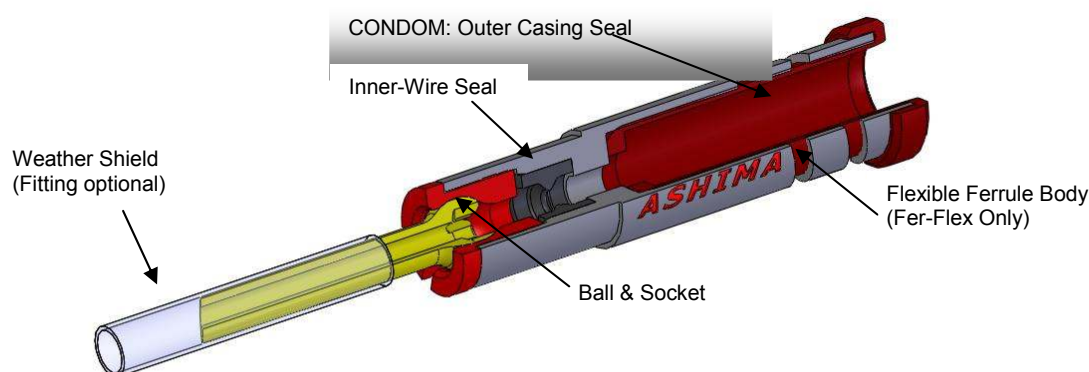


1. **Outer Casing:** Houses Inner wire on non-straight sections
2. **Inner wire:** Connects operating lever to brake/derailleur
3. **Plain Ferrules:** Terminates outer casing for fitting to frame/system
4. **Nosed Ferrules:** Used between frame stops or where the inner wire articulates
5. **Weather Shield:** Used with nosed ferrules to improve wire protection (optional)
6. **Donuts:** Protects frame from inner wire on straight sections
7. **Rubber Boot:** Used on V-brakes to improve environmental protection
8. **Cable Tips:** Prevent inner wire fraying once cut

**NOTE:** Exact contents, qty depend on which kit is purchased

### FERRULES: Special Note

Depending on which cable kit has been purchased, the cables will be supplied with either the revolutionary Fer-Flex or Fer-Stand ferrules which are offered in both nosed and plain format.



Nosed ferrules should be used between frame cable stops or on sections where the inner wire needs to articulate after exiting the ferrule.

**Note:** nosed ferrules can be converted to plain ones by easily pulling the nose ball joint from the socket.

#### STEP 1:

Remove existing cable product from the bike.

- It may be beneficial to photograph the installed cable prior to removal for fitting reference

#### STEP 2:

Fit inner wire to brake/shifter levers following original manufacturer's installation guide.

#### STEP 3:

Using the old removed outer casing for reference cut sections of Ashima outer casing ensuring that each of the lengths match.

#### STEP 4:

Prepare ends of the outer casing

- Ensure cut surface is flat, parallel and without burs, if necessary use flat file to clean the metal surfaces and sharp knife or scissors to clean the PVC/Kevlar coverings.
- The plastic inner sleeve of the outer casing may have been slightly crushed (made non-circular) during the cutting operation. In this case, using a suitable implement, open the inner sheath so that it is circular.

THIS STEP IS VERY IMPORTANT TO ENSURE SMOOTH EFFICIENT CABLE OPERATION

#### STEP 5:

Install 1st Ferrule (Plain) for location in brake/shifter system, (some brake/shifter systems are designed to accept just the outer-casing, in this case simply omit the ferrule and install the outer directly into the system).

#### STEP 6:

Fit remaining cable outers and fittings, matching the order to that of the cable that was removed.

- Wherever the inner wire needs to articulate use nosed ferrules, or use them between frame cable stops to allow optional weather shield (cable sheath) to be fitted on straight wire runs. To fit the weather shield, push over the ferrule noses to hold it in position (as per Ferrule diagram on P.1.).

NOTE: The cable kit includes sufficient outer casing should 1 continuous length be required.

- For V-brake assemblies remember to include noodle and rubber boot!

NOTE: Ashima recommends using either our Super-Noodle or Noodle-Flex/Noodle-Std (available separately) to ensure the quality offered by this cable kit is extended through the noodle.

#### STEP 7:

Feed cables through anchoring arrangement in brake lever/derailleur apply tension and then tighten the anchoring bolt according to original manufacturers' instructions.

For Brake systems it will be necessary to adjust the brake clearance in line with original manufacturers' instructions prior to tightening the anchoring bolt

#### STEP 8:

Cut off excessive inner wire and fit cable tip to prevent fraying

#### STEP 9:

Adjust /fine tune derailleur/brakes following original manufacturers' instructions. Ensure derailleur/brakes are functioning correctly before riding.