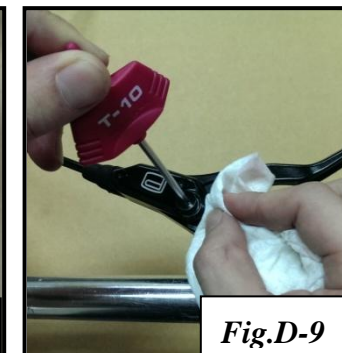
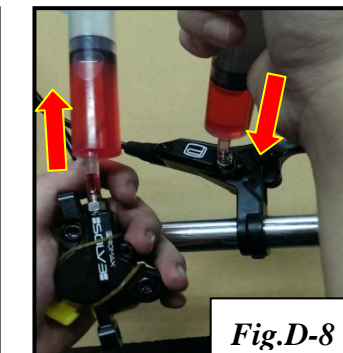
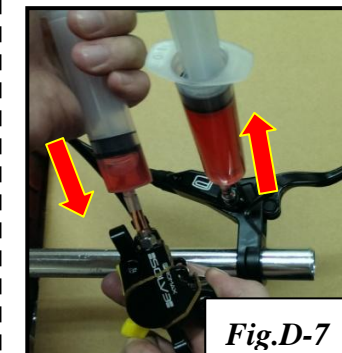
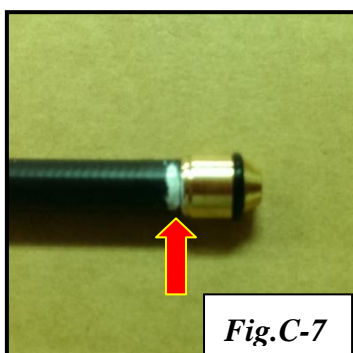
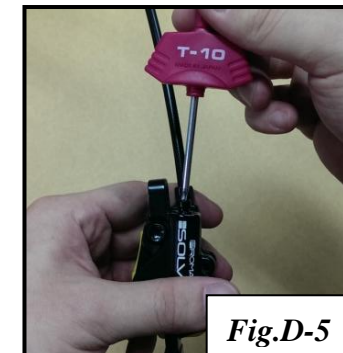
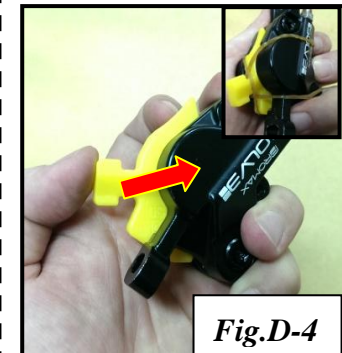
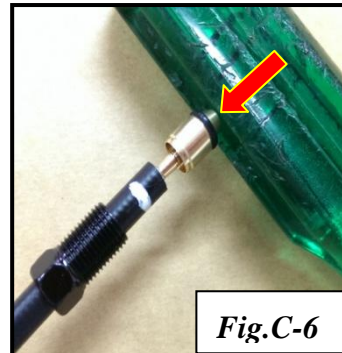
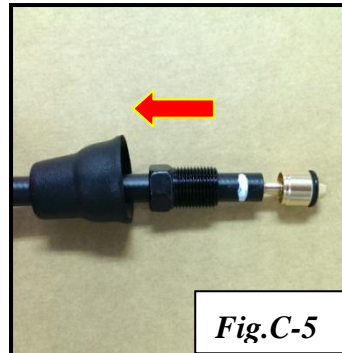
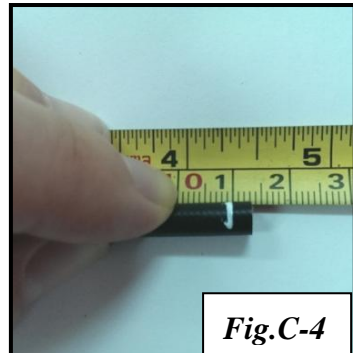
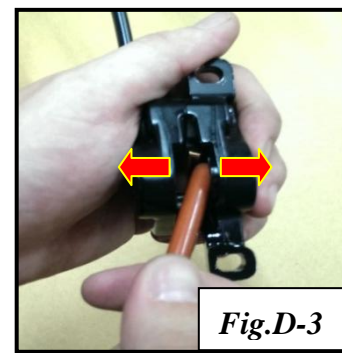
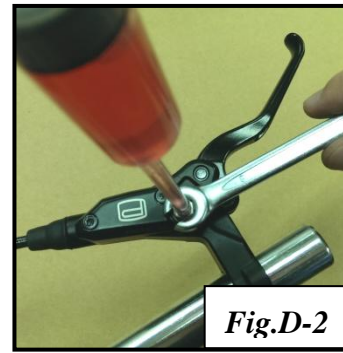
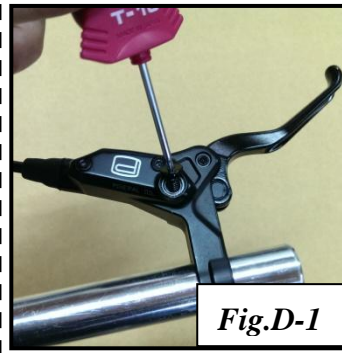
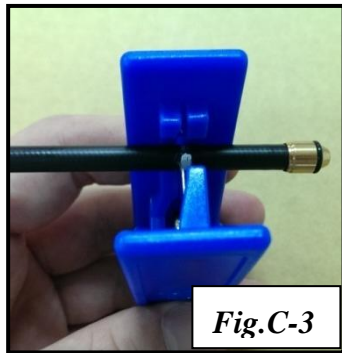


※ How to cut the hose from bracket

※ How to adding mineral oil and bleeding air



**A. How to cut the hose from bracket**

■ **Technical Service Instructions**

※ **Tools and Accessories Required**

- Hose Cutter · Hose Connector with  $\Phi 3 \times 1.5t$  O-ring x1 · Hose bolt x1
- Tape Measure · Hose Wrench (8mm) · Tissue Paper · Electric Torque Wrench
- Isopropanol alcohol (C<sub>3</sub>H<sub>8</sub>O) · Allen Wrench (4mm)

※ **Procedure**

- Step1.** Make sure the bike position at a steady place. Loosen the bracket clamp via Allen wrench (4mm) to adjust the bracket perpendicular to the ground then tighten it up.
- Step2.** Pull away the dust cover then unscrew the hose bolt from the bracket via 8mm hose wrench (C.C.W). ---[Fig.C-1]
- Step3.** Shake the hose slightly then pull out the hose carefully to avoid oil leakage. ---[Fig.C-2] **※Ensure the O-ring has also been pulled out !**
- Step4.** Measure and mark the length that is needed for cutting via tape measure then cut it with hose cutter. ---[Fig.C-3]
- Step5.** Measure the hose length of 3.5mm via tape measure then mark it. ---[Fig.C-4]
- Step6.** Put the dust cover , hose bolt and hose connector in sequence then press the hose connector into the hose.(Make sure the mark is covered by the hose connector ). ---[Fig.C-5 & C-6 & C-7]
- Step7.** Insert the hose completely into the screw hole of bracket then "pre-tighten" the hose bolt while pushing the hose follow along as the arrowhead. ---[Fig.C-8]
- Step8.** Tighten the hose bolt from bracket via 8mm hose wrench (C.W) then push the dust cover back into the host bolt. ---[Fig.C-9]

※Follow Step1 to adjust the bracket back to the original position.

(For Electric Torque Wrench: **Tightening torque: 130 kg-cm**)

※ **CAUTION**

- (1). Make sure that the hose is always long enough before cutting.
- (2). Do not continually squeeze and release the lever before completion of assembly.
- (3). The hose connector and hose bolt must be tightened properly to avoid oil leakage.
- (4). Make sure the cutting end of hose is clean, smooth and perpendicular to the hose itself.
- (5). The isopropanol alcohol (C<sub>3</sub>H<sub>8</sub>O) can be used to clean if the mineral oil spurt out. Mineral oil is non-corrosive.

**B. How to adding mineral oil and bleeding air**

※ **Tools and Accessories Required**

- Torx Wrench T10 · Allen Wrench (4 & 5mm) · Hose Wrench (8mm)
- Caliper Block · Flat Head Screw Driver · 25cc M5&M6 Syringe
- Needle-Nose Pliers · 50ml Mineral Oil · Isopropanol alcohol (C<sub>3</sub>H<sub>8</sub>O)
- Tissue Paper

※ **Procedure**

- Step1.** Set the brake lever so that it is parallel to the ground via Allen wrench (4mm) and then remove the adding oil screw via T10 wrench. ---[Fig.D-1]
- Step2.** Insert the M5 syringe (with mineral oil) into the adding oil hole then tighten up the M5 bolt of syringe via 8mm hose wrench (C.W) ---[Fig.D-2]
- Step3.** Remove the caliper and brake pads from the fork/frame via Allen wrench (5mm) and Needle-nose pliers then Push the pistons back into the place as far as it will go by using flat head screw driver. ---[Fig.D-3]
- Step4.** Insert the caliper block into the pads recess then fasten it with rubber band. ---[Fig.D-4]
- Step5.** Unscrew the bleeding oil screw via T10 wrench (C.C.W) ---[Fig.D-5]
- Step6.** Insert the M6 syringe (with mineral oil) into the bleeding oil hole then tighten up the M6 bolt of syringe via 8mm hose wrench (C.W) ---[Fig.D-6]
- Step7.** Push the plunger of the syringe from caliper and bracket to add oil. The oil will start coming out from there is no more air mixed in with the oil that is coming out. (Repeat this cycle several times to make sure that there is no more air coming out from the hydraulic brake system) ---[Fig.D-7 & D-8]
- Step8.** Remove the M6 syringe then tighten the bleeding oil screw via 8mm hose wrench and T10 wrench(C.C.W) ---[Fig.D-6 & D-5]
- Step9.** Remove the M5 syringe via 8mm hose wrench (C.C.W) then cover the tissue paper on the adding oil hole. ---[Fig.D-2]
- Step10.** Remove the rubber band and caliper block from caliper then push the pistons back into the place as far as it will go by using flat head screw driver. (For bleeding redundant oil, it will come out from adding oil hole) ---[Fig.D-3]
- Step11.** Tighten the adding oil screw via T10 wrench then clean the bracket via tissue paper with isopropanol (C<sub>3</sub>H<sub>8</sub>O). ---[Fig.D-9]
- Step12.** After disc brake maintenance, clean up the DSK-915. (Cleaning the residual oil stain or dirt via tissue paper with isopropanol (C<sub>3</sub>H<sub>8</sub>O))