

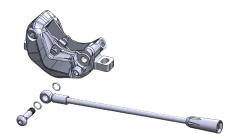




# TEKTRO – Bosch ABS brake HD-T731 Spare Parts Manual

Model No.	No.	ltem	Description	Part No.
HD-T731	1	Caliper	DO6.7 Caliper for Front (4 piston)	ABHC000124
	2	Lever Set	DO3.J Lever set, Left w/ABS logo	ABHL000580
	3		DO3.J Lever set, Right	ABHL000579
	4		DO3.J Lever Set – Left	ABHL000592
	5		DO3.J Lever Set – Right w/ABS logo	ABHL000591
	6	Lever Blade	DO3.0 Lever Blade Kit	ABOT000141
	7	Reservoirs Kits	DO3.2 Reservoir Cap Kit - Left	ABOT000820
	8		DO3.2 Reservoir Cap Kit - Right	ABOT000821
	9	Lever hose kits	850mm hose kit W/QE connector	ABOT001117
	10	Caliper side hose kits	125mm hose kit with banjo & QE connector	ABOT001157
	11		150mm hose kit with banjo & QE connector	ABOT001159
	12		190mm hose kit with banjo & QE connector	ABOT001161

#### No.1 Caliper



No.2-5 lever



## I. Installing new caliper: No.1

- 1. First disconnect the lower section of hydraulic hose from ABS unit to prevent oil loss.
- 2. Remove the 4mm Banjo bolt to separate the caliper and hydraulic hose.
- 3. Attach the new caliper to the banjo fitting using two new O-rings, and bolt.
- 4. The banjo bolt should be torque to 6-8Nm.

## II. <u>Replace new lever :</u> No.2-5

- 1. Loosen the 8mm compression nut to remove the hydraulic hose from the lever.
- 2. Cut off the old olive and barb (cut hose 1cm from the end), make sure the cut is square.
- 3. Slide the compression nut cover, compression nut, and olive onto the hose and then install a new barb into the hose.
- 4. Seat the barb in the lever then slide the olive and compression nut into place and tighten to 5-7Nm.
- 5. For further details, you may refer to our" EZ-Plug" manual.





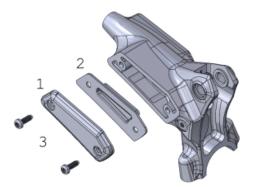


### III. <u>Replace lever blade: No.6</u>

Please refer to Tektro HD-T731 Lever blade replacement instructions.

## IV. Replacement reservoir cap kit : No.7-8

- **Kits including:** ① Reservoir top cap x 1
- 2 Reservoir gasket x 1
- ③ T10 M3x8 fixing screw x 2

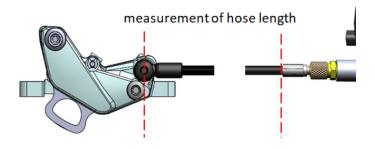


- A. <u>Removing reservoir top cap and gasket</u>:
- 1. Loosen the bar clamp and rotate the lever on the bar until the reservoir is parallel with the ground to prevent the loss of oil.
- 2. Use a T10 torx wrench to remove the two reservoir top cap screws③, then remove the top cap and gasket.
- B. Installing new reservoir top cap and gasket :
- 1. Thoroughly clean the edge of the reservoir on the lever so that oil doesn't get trapped between it and rubber gasket.
- 2. Place the gasket (2) and reservoir top cap(1) onto the reservoir.
- 3. Loosely install the two fixing screws<sup>3</sup> then tighten to 0.8-1.2 Nm.

### V. <u>Replace hose with QE connector</u>:

- A. When installing new hydraulic hose on lever side of ABS unit: No.9
- 1. Cut the new hose to the appropriate length for lever side.
- 2. Refer section II for how to install the hydraulic hose in the lever.
- **B.** <u>When replace new hose for caliper side:</u> No.10-12

Choose the appropriate length and PN for your bike. You may measure the original hose length from center of the banjo bolt to end of QE connector (see fig. below).



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C. Disconnecting the QE connector from the ABS unit



- 1. Take off the QE connector rubber cover by sliding it away from the ABS unit.
- 2. Unscrew the union nut by turning it clockwise 4-5 turns until the hose QE connecter releases with a slight pull.
- D. Connecting the hydraulic hose to ABS unit





- 1. Push the union nut towards the ABS unit and plug the hose connector into the union nut at the same time.
- 2. Turn union nut counterclockwise to lock the QE connector.
- 3. Check by pulling the brake hose to see if it pops out.

## VI. <u>Replacing mineral oil</u>

- 1. The brake must be bled after replacing the caliper, lever, or hydraulic hose.
- 2. Follow regular operation of hydraulic disc brake or refer to our Bleed Procedure instructions to bleed the brake.
- 3. Only use TRP and Tektro branded mineral oil when servicing the brake.

**NOTE** 1. Use original specification spare parts for maintenance.

- 2. Suggest having qualified bicycle mechanic to install, secure and maintain.
- 3. Fully check brake performance before riding.
- 4. If any doubts, we recommend taking the bike to a Bosch ABS authorized dealer shop to check first.

For warranty related questions or more information llease contact Tektro Service Center which you can find from our homepage <u>www.tektro.com</u>.

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