K0225706151 Launch Pivot Rebuild Kit

K0225706151

Launch 4.0/5.0 Frame rebuild kit

This Kit fits:
2002: Launch 4.0 & 5.0

CAUTION: K2 Bike strongly recommends that this rebuild kit be installed by a K2 Bike dealer, or other qualified technician. Improperly installed rebuild kits can be extremely dangerous and can result in failure during use and may cause severe injury.

This kit includes:

QTY	Part#	Description
1	16335	Screw, M8 X 1.25 X 20 BHCS
1	16338	Pivot axle, main pivot
4	16340	Cartridge bearing, main pivot
2	16348	Seal washer, main pivot
2	28-8165-0	Pivot spacer
4	28-9023-3	Bearing, flanged
2	28-9023-5	Seal washer, frame
2	28-9023-6	Seal washer, linkage
4	28-9038-5	Cartridge bearing, linkage

Torque Specifications:

Torque	Part#	Description
260 in-lbs	16335	Screw, M8 X 1.25 X 20 BHCS
100 in-lbs	28-5027-0	Screw, M6 X 1.0 X 20 FHCS
80 in-lbs	28-9107-0	Screw, M6 X 1.0 X 8 X L18.5
120 in-lbs	28-9005-L	Screw, M8 X 1.25 X 64 SHCS

It is highly recommended that you download the exploded view drawing of the 2002 Launch from the tech library at **www.k2bike.com** before you start working on your bike.

Instructions:

Seatstay bearing replacement

- Press the bearings out of the seatstay using a 10mm diameter sized dowel. Press from the inside out.
- Lightly grease the inside of the pivot bore of the seatstay and press the new bearings in until seated. Make sure the bearings recess 1mm into the seatstay
- Install the seatstay onto the linkage. Make sure to use red Loctite® on the bolt and tighten it to 80 in-lbs.

Linkage assembly

1. Remove the shock and rear wheel and thoroughly clean all the pivot locations of the bike.
2. Remove the two bolts that attach the seatstay to the linkage.
3. Remove the bolt that attaches the linkage to the front triangle.
4. Clamp the linkage assembly in a vice and use a wide-blade screwdriver and a plastic hammer to remove the bearings
5. Press the new bearings into the linkage and make sure that they recess 1mm into the linkage. Lightly grease the bearing surface and install the linkage seal washer and aluminum spacer washer. The grease will hold them in place during further assembly.
6. Install the linkage assembly onto the frame and tighten the bolt to 120 in-lbs.
7. Reinstall the shock onto the frame.

Dropout pivot assembly

1. Remove pivot spacer from the dropout pivot.
2. Remove the flanged bearings by carefully prying them out of their bore.
3. Lightly grease the inside of the bore and press the new bearings in place.
4. Grease the pivot bore and press the pivot spacers in until flush.
5. Install the rear pivot bolts and tighten them to 100 in-lbs

Main Pivot assembly

1. Remove the main pivot bolt.
2. Use a long M8 bolt to press the main pivot axle out of the frame.
3. Press the bearings out of the frame using a 24mm diameter sized dowel. Take care not to damage the frame in any way.
4. Lightly grease the inside of the pivot bore in the frame and press the bearings and bearing spacers into the frame. It will be easier to press the each bearing into the frame from either side of the frame. The bearings will recess into the frame 1.5mm on either side.
5. Coat the bearings with grease and press the aluminum washer and the seal washer in the frame. The grease will hold them in place during further assembly.
6. Install the swingarm onto the frame, aligning the holes in the swingarm with the frame pivot bore. Press the main pivot axle in the frame until it is flush with the outer edge of the swingarm
7. Install the main pivot bolt and tighten it to 260 in-lbs.