K069502050 Apache Frame Rebuild Kit

K069502050

This Kit fits 2006: Apache 5.0/6.0

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.

Note: It is highly recommended that you download the exploded view drawing of the 2006 Apache frame from the tech library at **www.k2bike.com** before you start working on your bike.

QTY	Part#	Description
2	28-5041-9-L	Screw, M5 x 0.8 x 15 BHCS
2	28-5027-0-L	Screw, M6 x 1.0 x 20 FHCS
2	28-3000-F	Washer Ø15.5 x Ø8.4 x 1.6
4	28-3000-Z	Washer Ø10 x Ø5.2 x 1.0
2	28-3000-7	Washer Ø14 x Ø6.5 x 1.2
1	28-9106-1	Axle, main pivot + screw M8 x 1.25 x 20
1	28-9078-3	Axle Ø8mm x 32mm + screw M6 x 1.0 12 BHCS
1	28-9078-7	Axle Ø8mm x 42mm + screw M6 x 1.0 12 BHCS
2	28-8165-1	Pivot spacer, dropout inner
2	28-5028-0	Pivot spacer, main pivot
1	28-8164-1	Pivot spacer, main pivot inner
1	28-8164-0	Pivot spacer, main pivot outer
2	28-9173-J	Cartridge bearing Ø14 x Ø5 x 5
2	28-9173-I	Cartridge bearing Ø17 x Ø9 x 5
4	28-9173-4	Cartridge bearing Ø24 x Ø12 x 6.0
4	28-9023-3	Bushing, flanged
2	28-9023-4	Seal washer, main pivot
1	28-8005-6	Pivot spacer, link pivot outer

Seat Stay Removal

1. Remove seat stay bolts from dropout.
2. Remove pivot bolts from seat stay pivot.
3. Remove shock seat stay axle.
4. Compress link plates by hand and remove the seat stay.

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.

Seat Stay Bearing replacement

- Carefully clamp seat stay in a vice.
- Place and 11mm socket or a similar sized dowel on the recessed inside of the seat stay yoke
- Use a long 4mm allen key or screwdriver to push the bearing out of the seat stay yoke
- Lightly grease the outer cage of the bearings and press them into the seat stay until seated

Link Plate Pivot assembly

- Remove pivot bolts from the link plates and remove the links from the frame.
- Pull the link plate axle out of the link plate pivot assembly.
- Twist the outer link pivot spacer and remove from the pivot point
- Install seat stay dropout pivot bolt on inside of bearing surface and use the link plate pivot axle to push the bearings out of the frame.
- Lightly grease the inside of the pivot bores in the link mount plates and press the bearings into the frame until seated.
- Install the outer link pivot spacer between the bearings and install the link plate axle.
- Install the link plates onto the axle and install the link plate pivot bolts. **Note!** Make sure to use the original M5 x 20mm bolts for the link plates. The bolts are a structural part of the construction. Using shorter bolts can be extremely dangerous and can result in failure during use and may cause severe injury. Do not tighten bolts all the way.

Seat Stay Installation

- Install seat Stay onto frame and install the rear pivot bolts. Do not tighten bolts all the way.
- Compress link plates by hand, align with the bearings in the seat stay and install the seat stay pivot bolts. Do not tighten bolts all the way.
- Install the Shock/Seat Stay axle and tighten to **100 in-lbs**.
- Make sure the seat stay and link plates are aligned and tighten the bolts to the correct torque.

-Dropout pivot bolts: **100 in-lbs**
-Link plate pivot bolts: **60 in-lbs**
-Seat stay pivot bolts: **60 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 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 assembly.
6. Install the swingarm onto the frame and 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**.