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High Security Outdoor Public Bike Pump Gauge Service Manual



| Maintenance Item | Frequency | Time required | Procedure |
|-------------------------|-------------------------------|---------------|-----------|
| Air chuck renewal | every 3-12 months as required | 2 minutes | Page 2 |
| Lubrication of pump rod | every 6-12 months as required | 2 minutes | Page 4 |
| Full pump overhaul | every 24+ months as required | 30 minutes | Page 4 |

1. Air Chuck Renewal

Tools Needed:

-16mm Cone Wrench

Parts Needed:

-Bike Fixtation 151122 air chuck

Steps:

1. Extend the aluminum lever

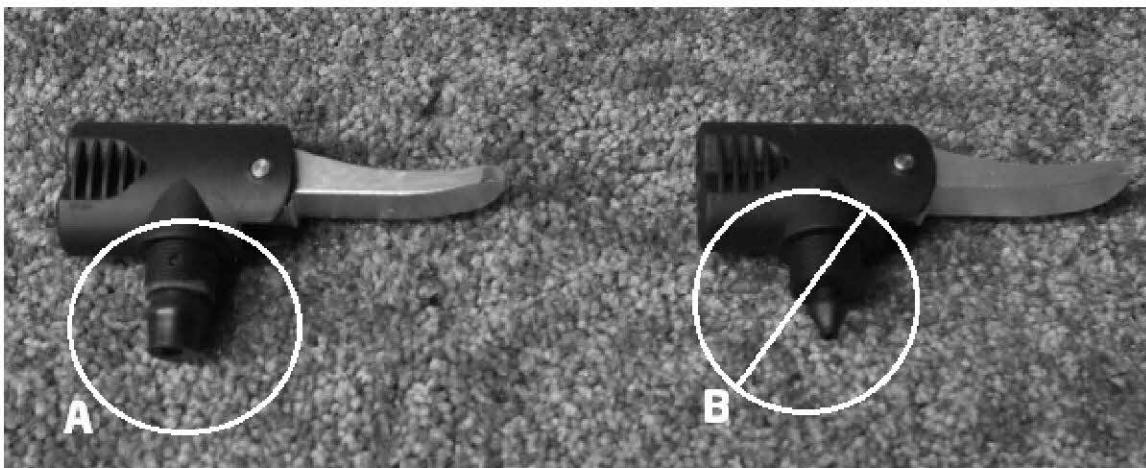


2. Place 16mm Cone Wrench in the slots of the aluminum hose adapter (attached to Air Chuck)

3. While holding 16mm cone wrench steady, use other hand to twist off the Air Chuck, twisting it in a counter-clockwise direction.



4. Make sure replacement Air Chuck has a rubber stopper on the plastic nipple. Rubber tube is attached in photo A and not in photo B.



5. While holding 16mm cone wrench steady, screw new Air Chuck in to the aluminum hose adapter, twisting Air Chuck clockwise. Tighten until firm, but do not over-tighten.

2. Lubrication of pump rod

Parts needed:

-White lithium grease

Steps:

1. Extend piston rod by pulling up on handle. Using the Bike Fixtation white lithium grease, apply grease to the outside of the piston rod. Cycle the pump up and down 10 times. Wipe excessive grease off.

3. Full pump overhaul

Tools Needed:

- 4.5mm (3/16") hex key

-16mm wrench

- Small Screwdriver

- Adjustable wrench

-Needle nose pliers

-Clean working space

-5mm hex key

-small pick or flat blade screwdriver

-9/16" (14mm) wrench

-13mm socket wrench

Parts needed:

-Bike Fixtation 141262 HS Outdoor gauge rebuild kit

