

WARNINGS

EXT
RACING SHOX

WARNINGS

- ▶ Ferro USD 36 fork is specifically designed for electric dirt-bike use. This product is developed and designed for bike industry and must be installed on related vehicles, including pedal assisted motorized cycles that produce a maximum of 7 KW of power. Any such unauthorized use may result in failure of the suspension, which may cause a crash and result in property damage, SERIOUS INJURY or DEATH and void warranty.
- ▶ Do not modify any part of the fork, all components are precisely designed as they are.
- ▶ Always use EXT Racing Shox parts. Use of other parts or self built ones void warranty and could cause a structural failure.
- ▶ Ferro USD 36 fork contains pressurized gas. Do not open, service or modify this product.
- ▶ External visual inspection may reveal cracks or defect, if you notice them please refer immediately to an EXT service point or EXT directly.
- ▶ Following the scheduled inspection allows you to have a functional and safe fork.
- ▶ If your riding weight is more than 90kg/188lbs inspection must be more frequent.
- ▶ The product warranty is applied if product has been operated and maintained in accordance with recommendations in the user manual (downloadable from the link below).
- ▶ An improperly installed fork can be extremely dangerous, we recommend to have it installed by a qualified mechanic.
- ▶ Read and ensure you have understood the information in the user manual or other technical documents related to this product before using it.
- ▶ Do not exceed 300 psi/20,6 bar.

SERVICE INTERVAL

RACING USE Every 50 hours riding or 6 months

AMATORIAL USE Every 100 hours riding or 1 year

COMPLETE USER MANUAL

Scan the QR code to download the complete user manual.

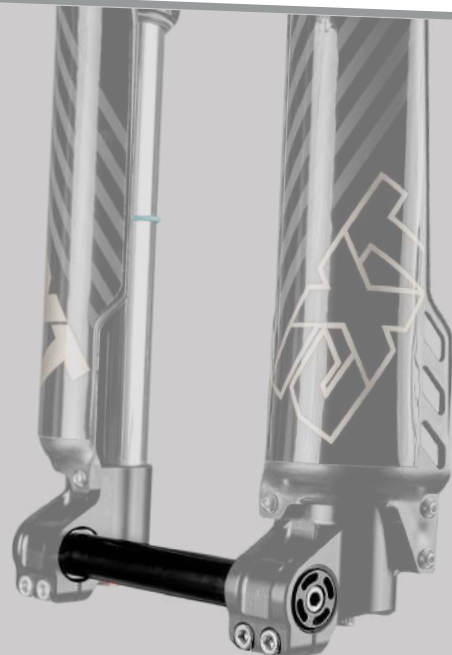
If you can't download it, please visit the Ferro USD 36 page on our website.



WHEEL INSTALLATION

1. Remove the hex axle and install the front wheel through the dropout.
2. Center the axle bolt and tighten the hex axle to 10-14Nm.
3. Tighten the pinch bolts on the brake side first (left) to 8Nm.
4. Compress the fork a few times to align both legs.
5. Tighten the pinch bolts on the right side to 8Nm.
6. Assembly back the brake caliper on its mount.

**READ THE COMPLETE USER MANUAL
TO FOLLOW THE FULL PROCEDURE.**



AIR SIDE

Access to the air valves by removing the cover on top of the left leg and at the bottom of the left leg.

MAIN CHAMBER +

Defined by the black air valve and "+" symbol next to it.



SECONDARY CHAMBER ++

It is identified by the nickel-colored air valve and "++" symbol under the left fork leg.



INFLATION / DEFLATION STEPS

1. Be sure that both chambers are deflated;
2. Adjust the proper pressure into the **high pressure ++ chamber first**, indicated by the nickel-colored air valve;
3. Adjust the proper pressure into the **+ chamber**, indicated by the black-colored air valve.
4. To lower the pressure proceed in reverse order, **act first on + and then on ++**.

We suggest inflating the following pressures as a starting point:

+ 65 PSI / ++ 100 PSI

This is just a first step to set up your fork in a trail-mode riding. After you've inflated the fork with the suggested pressure on both chambers, you can check the SAG level achieved and adapt it according to your weight and riding style.

Inflate or deflate the pressure in both chambers in order to change the SAG level. **Act on the + chamber to control and setup the desired SAG level and then adjust the ++ chamber for bottom-out protection** [follow correct inflation steps].

Check the user manual for further information on the air chambers tuning.



- ▶ Do not change the chamber inflation order
- ▶ ++ Chamber pressure must be always higher than the + chamber pressure



- ▶ Quantity of oil to be inserted in each outer leg: 20 ml EV68S



DAMPER CARTRIDGE

Damper adjusters are right at your fingertips on the right leg of the fork.

LOW SPEED COMPRESSION

Tune it by turning the nickel-colored adjuster placed on top of the right leg.



HIGH SPEED COMPRESSION

Tune it from the black adjuster placed on top of the right leg.



REBOUND

Tune it from the red adjuster placed on bottom of the right leg.



CROWNS SETUP

Flat crown: 6 Nm torque
Offset crown: 6 Nm torque

9 Nm torque

[177 mm; 221 mm]

Total distance of the two crowns must be included between 177 mm and 221 mm

6 Nm torque

