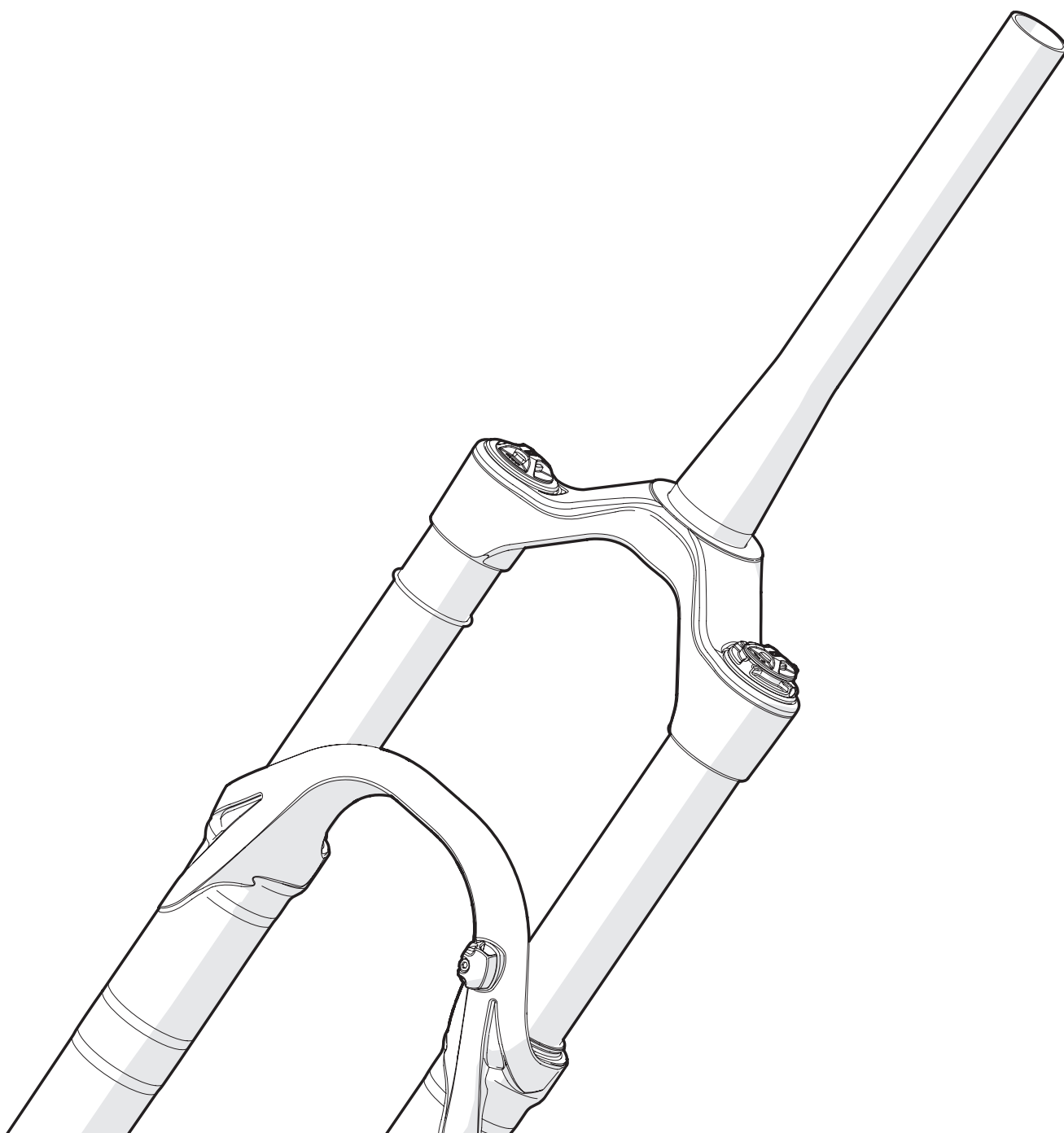




Front Fork

RXF36 m.3/m.2

Workshop Manual - 50 h



ÖHLINS

SAFETY PRECAUTIONS

General Warnings

 Note!

The shock absorber/front fork/steering damper is an important part of the vehicle and will affect the stability.

 Note!

Read and ensure you understand the information in this manual and other technical documents provided by Öhlins, before using the product.

 Note!

Öhlins Group AB can not be held responsible for any damage to the shock absorber/front fork/steering damper, vehicle, other property or injury to persons, if the instructions for mounting, usage and maintenance are not followed exactly.

 Warning!

After installing the Öhlins product, take a test ride at low speed to ensure your vehicle has maintained stability.

 Warning!

If the suspension makes an abnormal noise, or the function is irregular, or if you notice any leakage from the product, stop the vehicle immediately and return the product to an Öhlins Service Centre.

 Warning!

The product warranty shall only apply if the product has been operated and maintained in accordance with recommendations in this manual. If you have any questions regarding usage, service, inspection and/or maintenance please contact Öhlins.

 Note!

When working with the Öhlins product, always read the Vehicle Service Manual.

Product Specific Warnings

 Warning!

This product was developed and designed exclusively for a specific vehicle model and shall only be installed on the intended vehicle model in its original condition as delivered from the vehicle manufacturer.

 Warning!

This product contains pressurized nitrogen gas (N₂). Do not open, service or modify this product without proper education (authorized Öhlins dealer/distributor) and proper tools.

SAFETY SYMBOLS

In this manual, mounting instructions and other technical documents, important information concerning safety is distinguished by the following symbols:



The Safety Alert Symbol means: Warning! Your safety is involved.

 Warning!

The Warning Symbol means: Failure to follow warning instructions can result in severe or fatal injury to anyone working with, inspecting or using the shock absorber, or to bystanders.

 Caution!

The Caution Symbol means: Special precautions must be taken to avoid damage to the shock absorber.

 Note!

The Note Symbol indicates information that is important regarding procedures.

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Oil, grease

Damper fluid	01309-01 - High performance suspension fluid 1L
Function grease	01338-22 - Renolit SI 410 M Silicone grease 225g

TABLE OF CONTENTS

Front Fork RXF36 m.2 50-Hour Service..... 3

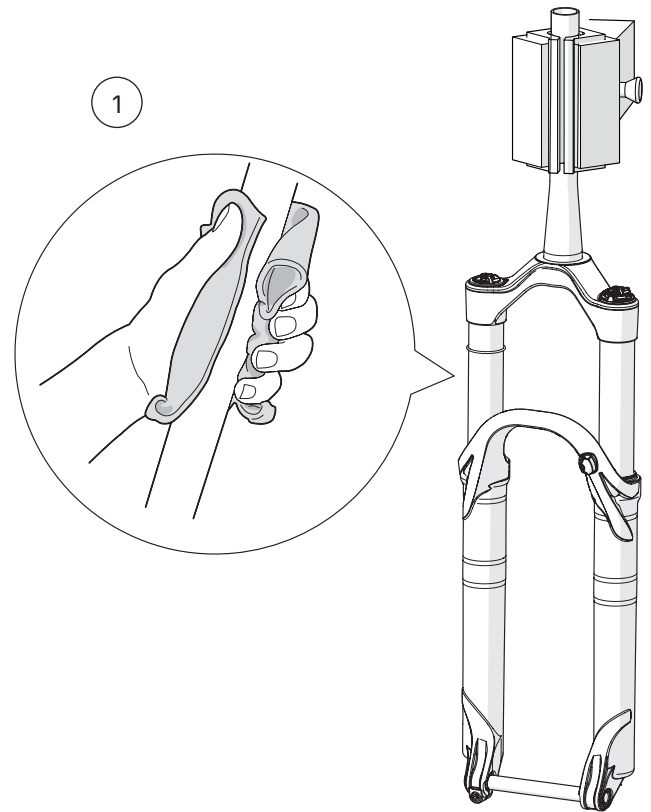
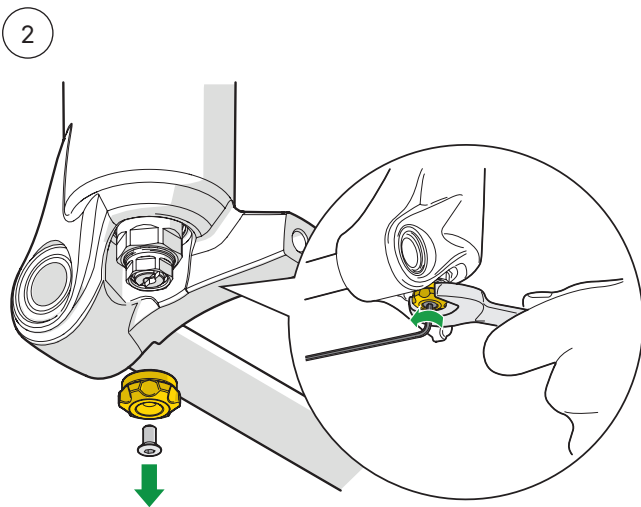
RXF36 M.3/M.2 50-HOUR SERVICE

Front Fork RXF36 m.2 50-Hour Service

👁 Note!

Record the rebound adjuster setting and the pressure in the positive air chamber and ramp up chamber before service. We recommend using a bike stand to clamp the steering tube when working on the fork.

1. Thoroughly clean the outside of the fork from dirt or grit.
2. Use a 14 mm wrench to hold the rebound adjuster knob steady. With a 2 mm hex wrench remove the screw and the knob.



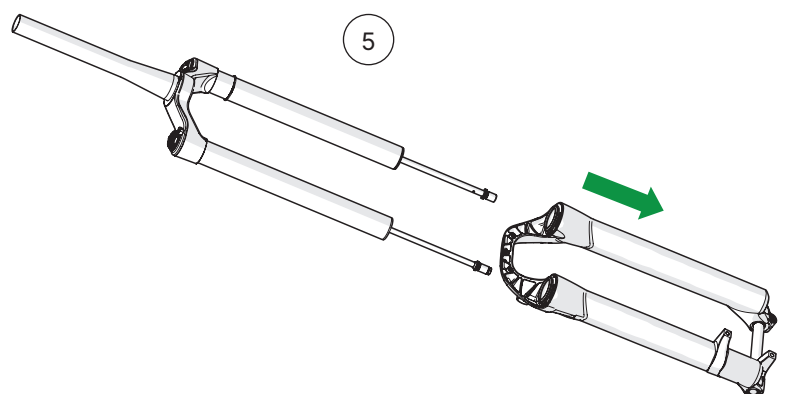
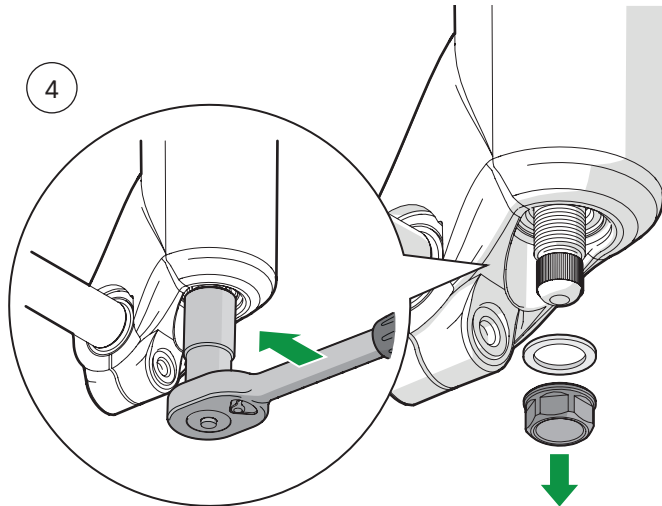
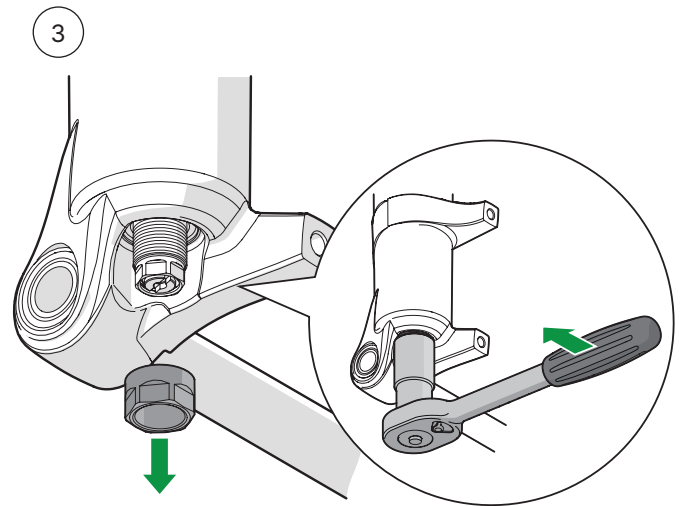
RXF36 M.3/M.2 50-HOUR SERVICE

3. Remove the nut by using a socket wrench with a 14 mm deep hex socket.

4. Use a socket wrench to remove the nut on the lower air valve. 12 mm nuts have washer 14 mm have not.

5. Slide the lower legs off the stanchions.

6. Drain the lower legs of all fluids.

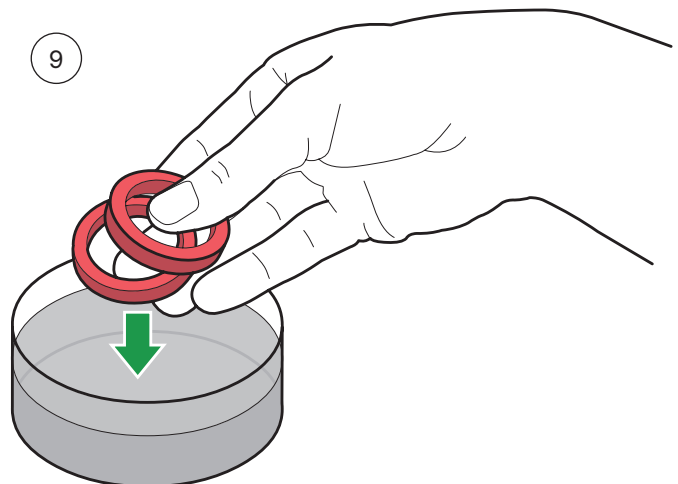
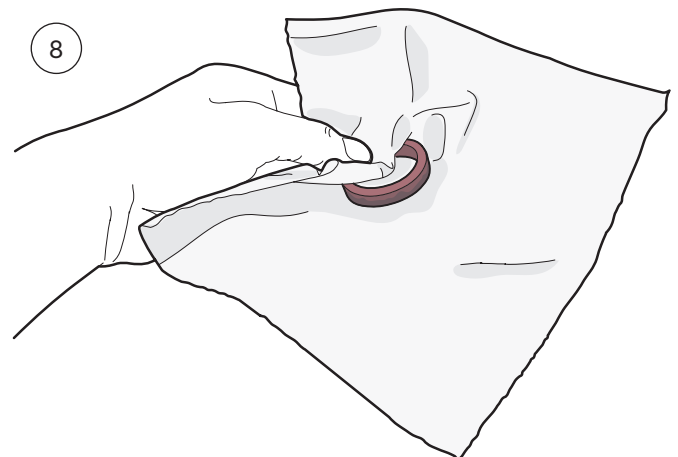
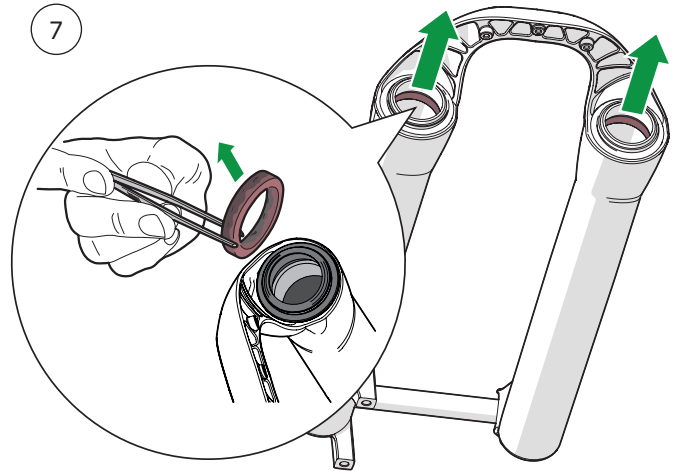


RXF36 M.3/M.2 50-HOUR SERVICE

7. Use tweezers to cautiously remove the foam rings in the lower legs.

8. Carefully clean the foam rings using disc brake cleaner and a paper cloth or rag to remove old suspension fluid and dirt. Inspect for damages and replace if necessary.

9. Soak the foam rings in fresh damper fluid.



RXF36 M.3/M.2 50-HOUR SERVICE

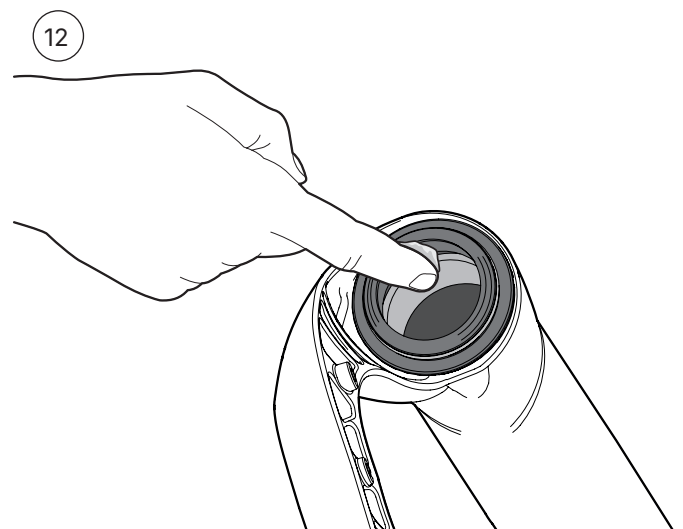
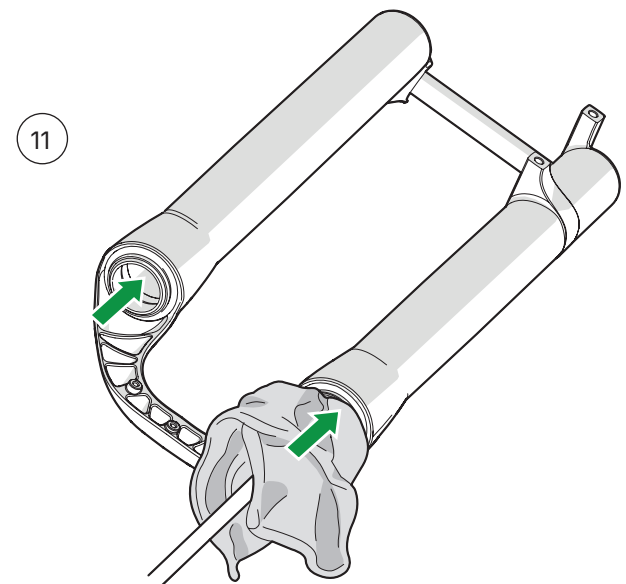
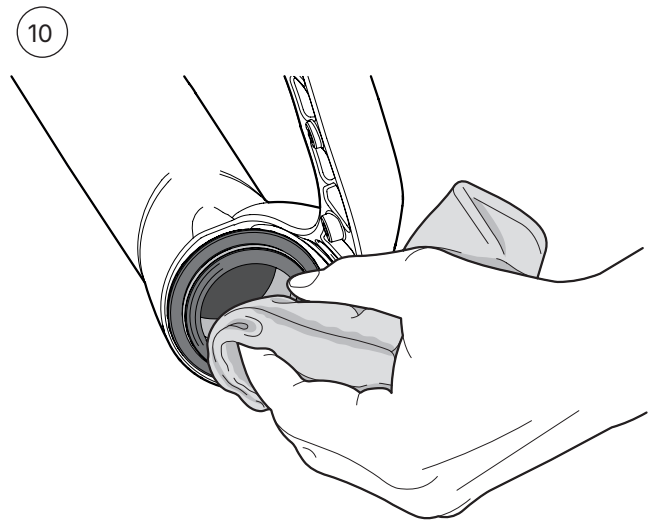
10. Hold the lower legs upside down and clean the wiper seals and the upper bushings with a soft rag.

11. Use a rag wrapped around a long rod or similar to clean the insides of the lower legs.

👁 **Note!**

Be careful not to scratch the bushings.

12. Apply a thin layer of function grease to the inner surfaces of the wiper seals.

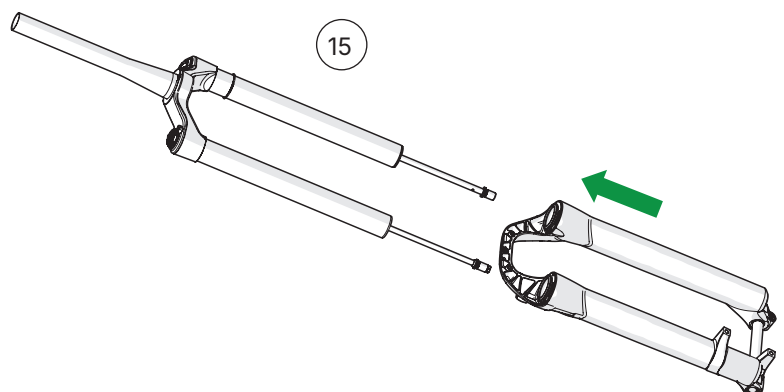
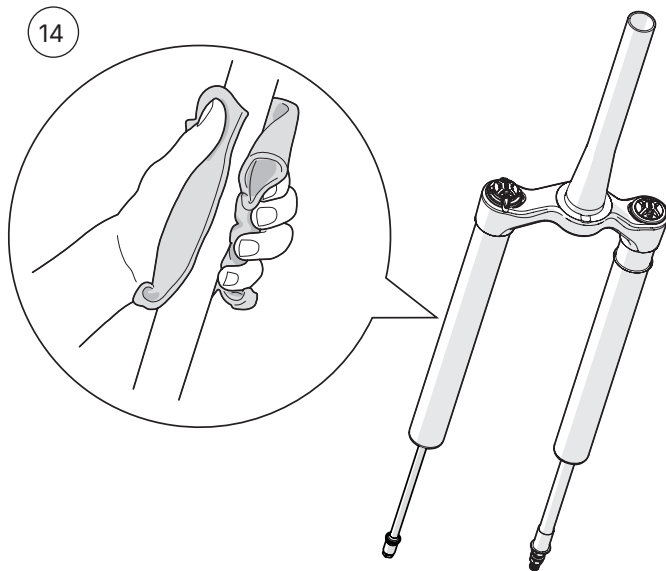
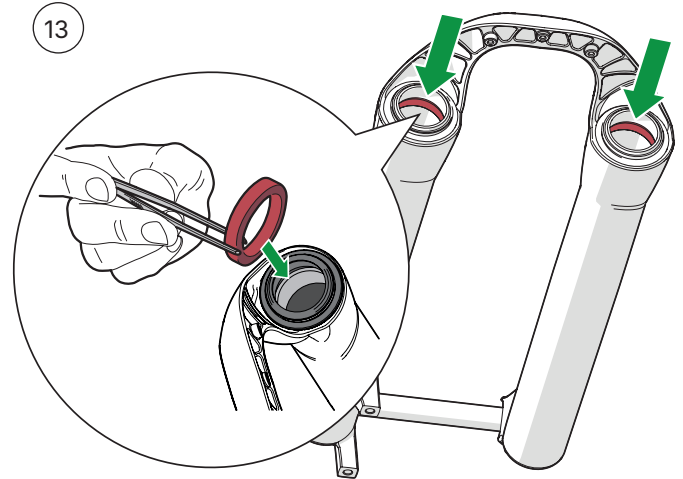


RXF36 M.3/M.2 50-HOUR SERVICE

13. Use tweezers to carefully re-insert the soaked foam rings into the lower legs. Check that they are mounted correctly and not twisted.

14. Clean the stanchion tubes with a paper cloth or soft rag.

15. Reinstall the stanchion tubes into the lower legs.



RXF36 M.3/M.2 50-HOUR SERVICE

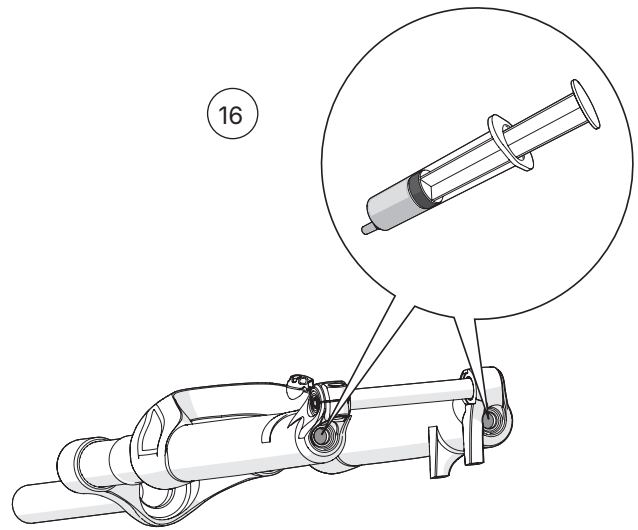
16. If seal head is blue and piston rod end gold then use 10 ml of damper fluid in air spring (20 ml for coil spring forks) and 15 ml damper fork leg. For all other forks use 5 ml of damper fluid in spring and damper fork leg. It is important to not to overfill as it will affect fork performance.

17. Refit the lower nuts and if nut is M10 on the valve side fit the washer. Tighten to 10 NM. Reinstall the rebound adjuster nut, knob and screw.

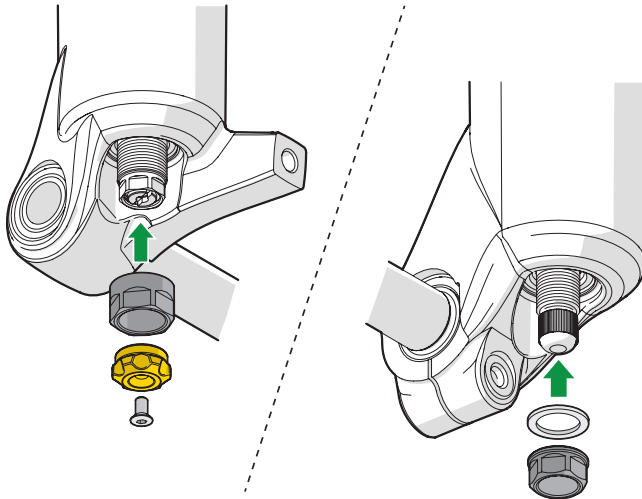
18. Adjust the rebound setting.

See Owner's Manual/Mounting Instructions for more information.

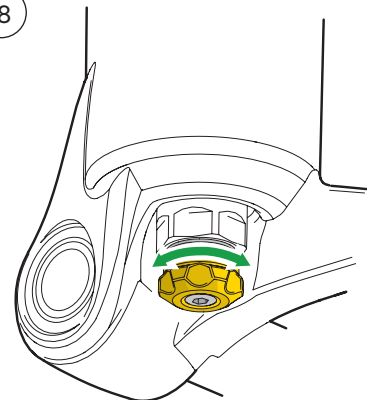
19. Go out and enjoy your ride!



17



18



RXF36 M.3/M.2 50-HOUR SERVICE

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