

AMERICAN SUSPENSION

AIR PISTON INSTRUCTIONS

Image A



1. Remove stock upper caps, as advised in your service manual.

Important: The springs inside your fork tubes are under load. Use caution.

2. Remove stock spring and any preload spacer. 2013 - older **(refer to shop manual for your vehicle)**.

2014 up, just remove stock preload spacer and reuse spring

2017-2025 remove stock spacer and spring.

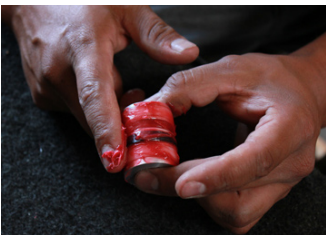
3. FORK OIL

41mm use 9oz of 20 weight fork oil

49mm use 16oz of 20 weight fork oil

4. If your kit requires new fork caps, use O-ring from stock cap.

Image B



5. Install your new American Suspension spring into place same as stock springs. **(see image A)** 2013- Older and 2017-2025
2014-2016 Remove stock spacer and Re-Use stock spring.

6. Lubricate the pistons. Use bearing grease to thoroughly coat the slot in the delrin guides, as well as the cavity in the center. **(see image B)**

7. Insert the piston into fork tube with the inner threaded portion pointing upward. **(see image C)** **Be careful not to tear the seal and once past threaded area piston should move in tube.**

8. Reinstall fork cap.

Image C



9. Reassemble fork and top tree if it were removed from bike.
10. Hook up airlines in the fork caps, to your existing air compressor system.