

# Instructions

## Strut Tops - Fixed Off-Set

This instruction sheet should be used in conjunction with the workshop manual and proper safety procedures followed.

**Application** - Honda Civic 10th/11th Gen  
- FC-FK-FL 2016 - On

*(Refer current catalogue for complete listing)*

**Contents** - 2x fixed offset strut tops assemblies.  
- 2x polyurethane pucks  
- 7x button head bolt M8x1.25x30mm  
- 4x button head bolt M10x1.5x20mm  
- 2x button head bolt M10x1.5x15mm  
- 3x flat washer 25x10x2.8mm

**Note** - thread locker is recommended.

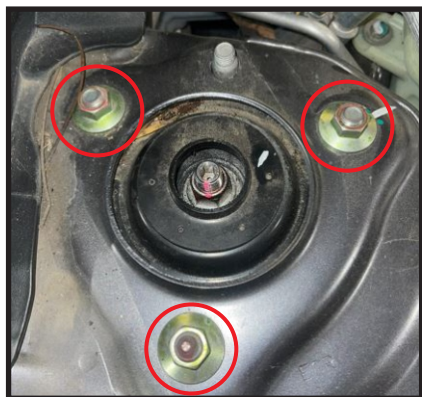
**WHITELINE** fixed off-set strut tops are made with air-craft quality 6061-T6 aluminium material, offering improved front end geometry - an increase of 0.5 degree's negative camber with 0.6 degree's positive caster.

- Raise vehicle evenly and safely support with a lift or ramps.

*Never rely on a Jack only*

- Start by removing the front wheels.
- Proceed to un-bolt the front struts -
  1. Remove swaybar link nut
  2. Un-plug ABS wiring
  3. Un-bolt lower clevis bolt
  4. Un-bolt upper strut top nuts (3).

**Refer RH and below image -**



Note: It is recommended that a licenced workshop or trades-person carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.

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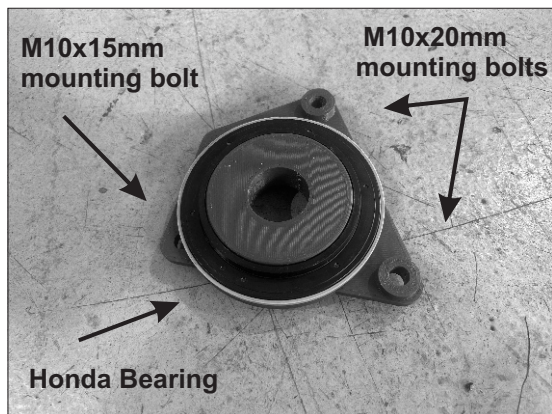


- Use a spring compressor to compress spring and un-bolt the original strut top.

**Tip** - an Allen Key will be required  
- refer image in page 3.

**CAUTION** - Whiteline recommends only a qualified person perform the strut disassembly.

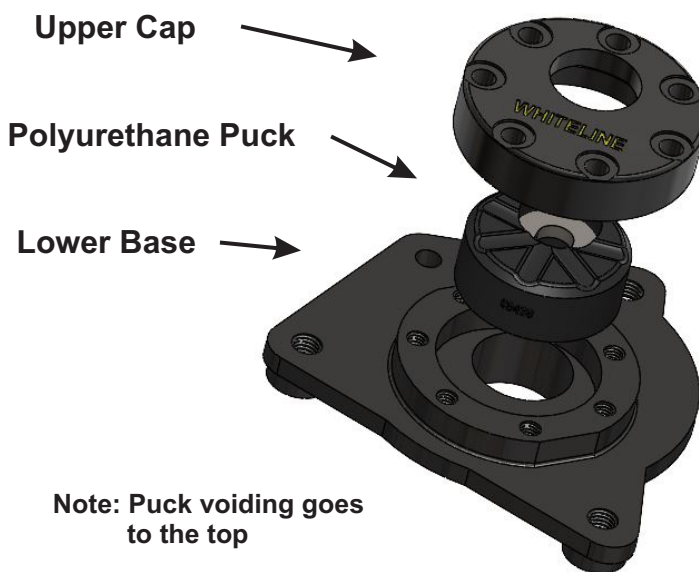
- Place the original Honda bearing on new strut top as per below image.



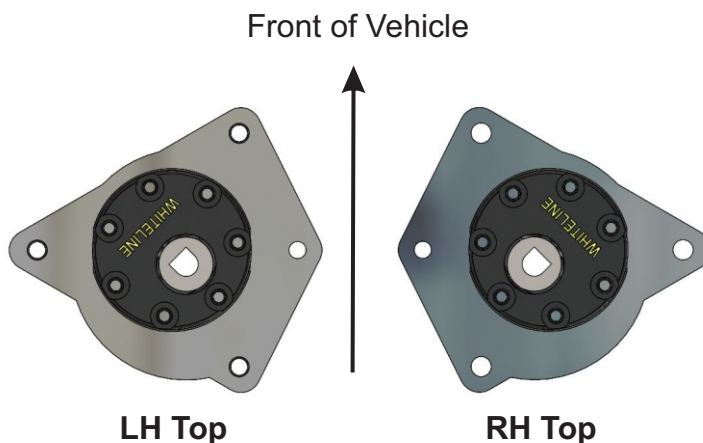
**Note:** LH and RH lower base sections of strut top. Refer RH image.

- Tighten the upper shock shaft nut.  
(this can be done in the vehicle later).

Refer page 3 -



- Place original bump stop and dust boot over shock shaft.
- Next, place the spring over shock shaft, followed by the lower base piece of the strut top (refer above and below images).
- Now, add the polyurethane puck and original shock nut.



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Note - thread locker is recommended for the supplied button head bolts



- Proceed to bolt the top cap on with the supplied 7x M8x1.25x30mm button head bolts. Tighten to 18 ft.lbs.
- Install strut into vehicle. Start by loosely bolting up the strut top with the 6x M10 button head bolts (tighten to 30 ft.lbs).

**IMPORTANT** - place the **SHORT** 2x M10x15mm bolts in the most rear-ward mount point. Refer RH image (place washers on first)



RH strut shown



- Once the strut is installed in the vehicle, be sure the the shock shaft nut is tight.

**Note** - the example Allen Key tool used in the LH image to stop the shock shaft from spinning.

- A wheel alignment will be required to fine tune the camber and toe settings immediately after install.
- Re-check bolts after 500kms/miles

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