

# Install Guide

## Performance Front Control Arm - Camber Adjustable



**Application** - Tesla 3 / Tesla Y  
- 2017-on

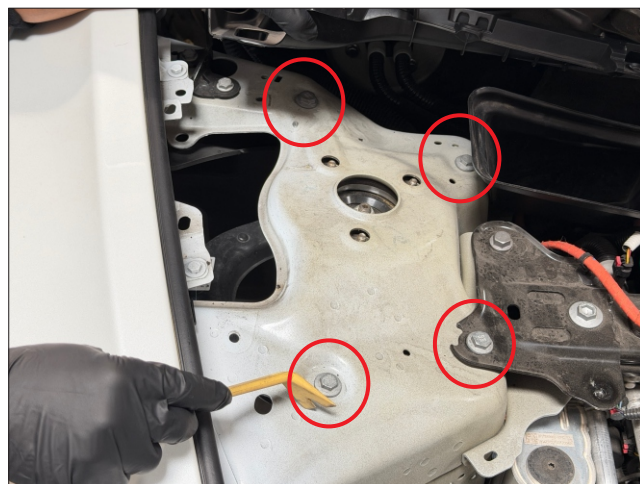
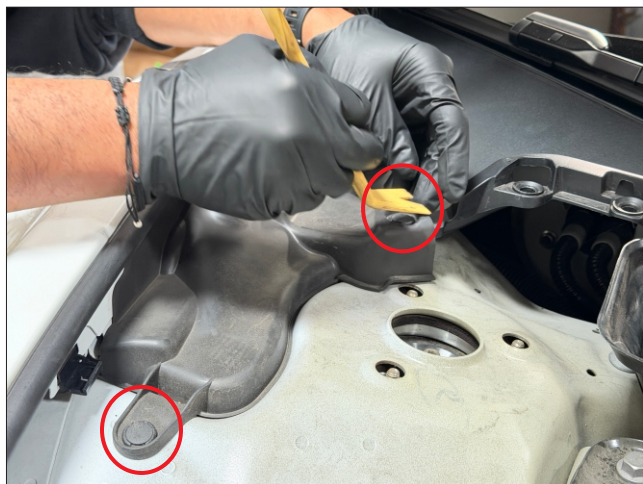
*(Always refer current catalogue listing)*

**Contents** - 2x billet aluminium control arms  
- with quality ball joints  
- with low compliance bushings  
- high strength materials

**WHITELINE** performance upper control arm is a billet aluminium (6061-T6) unit, offering live camber adjustment - catering for race track and off-road applications. Supplied with high quality ball joint + low compliance bushings. The result is improved vehicle hi-speed turn-in & steering feedback.



- Raise vehicle evenly and safely support. A 2 post lift is recommended. Jack stands will suffice tho. *Caution - never rely on a jack only.*
- Lift the front hood/bonnet and un-clip the plastic boot liner. This is a quick easy process. **Note - careful of the interior light wiring near front of vehicle.**
- Note the rubber section in below LH image. Remove this also. Next, remove the front wheels.
- Note the 4x bolts holding the upper control arm carrier to the vehicles body - refer RH below image



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.

# Install Guide

## Performance Front Control Arm - Camber Adjustable



### Page 2 - removing the original arm



- Proceed to remove the ABS wire. This may mean breaking the plastic ties.

- Next, un-bolt ball joint clevis nut and bolt. (RH image).

**Tip - you may wish to remove the complete strut (and upper carrier).**

**This can be achieved by un-bolting the sway-bar link and lower shock bolt**



- Lower the upper carrier (or completely remove) - to access the inner control arm bolts.
- Loosen/remove the bolts.
- Now the arm can be removed from vehicle.

*Refer page 3 -*

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.

# Install Guide

## Performance Front Control Arm - Camber Adjustable



- Bolt new control arm in position using the original bolts.

**Tip - confirm LH and RH arms**

Note - the bushings are grease free units.



- Re-attached the ABS wire.

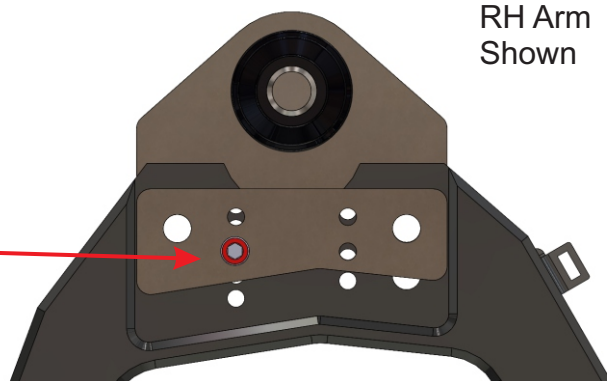
**WARNING** - be sure the wire is placed back in its original position in relation to the vehicles hub/splindle and arm. New cable ties may be required.

**Check the wire is OK on full lock**  
**Check the wire clearance with your tyres (OE or after-market)**

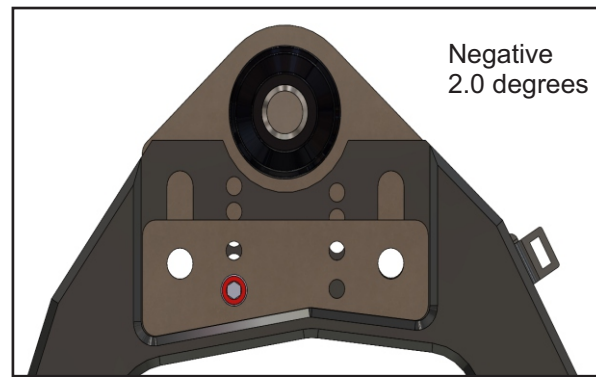
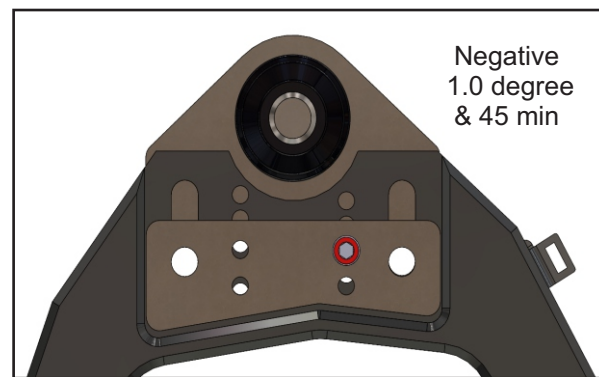
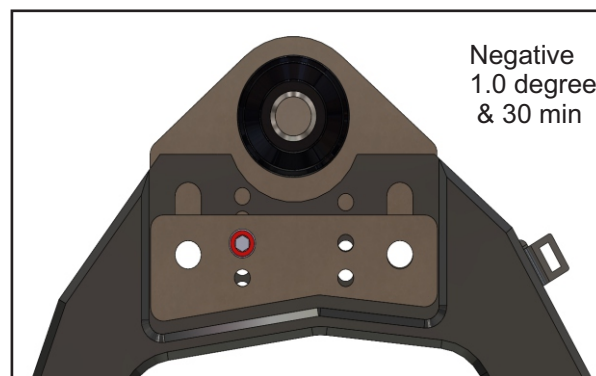
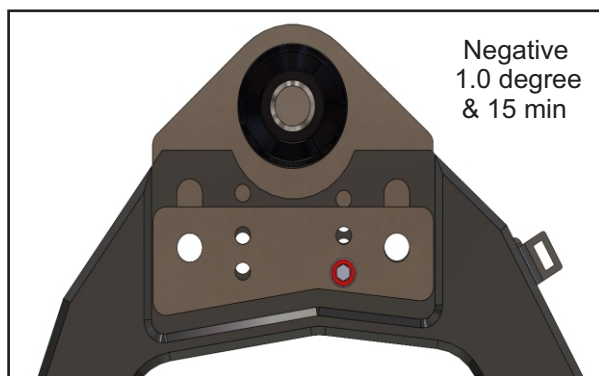
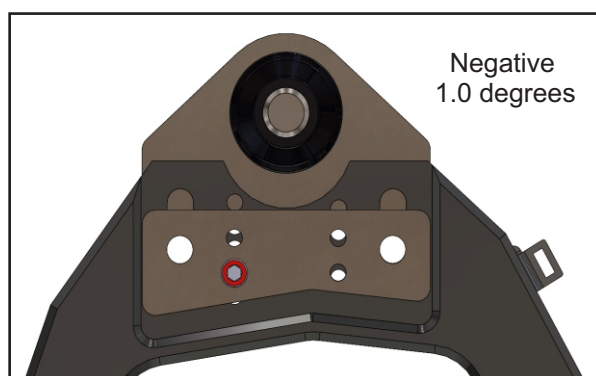
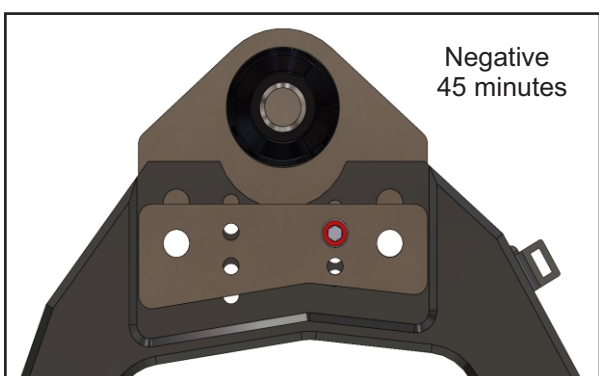
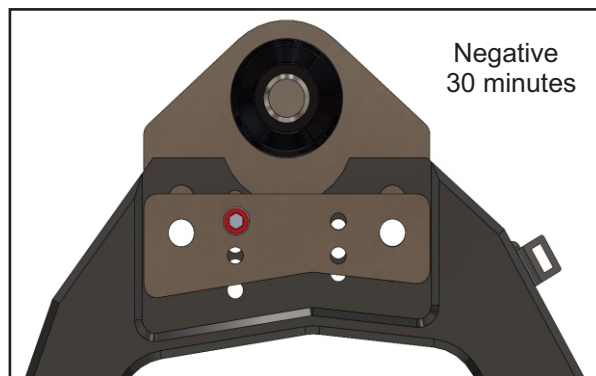
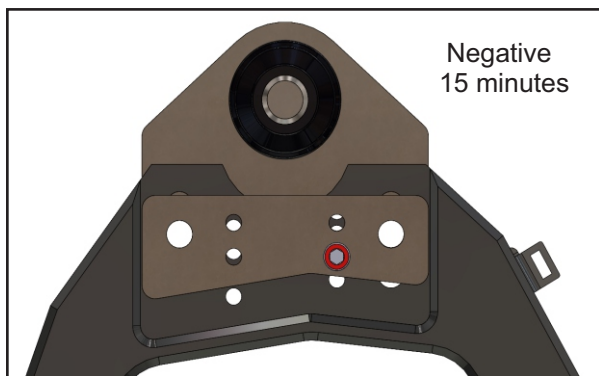
### REFER PAGE 4 FOR CAMBER SETTINGS

The RH image displays factory control arm length  
**Note the hi-lighted M6 locking bolt**  
This results in factory camber setting.

Factory camber will range from **negative 1.0-1.5 degrees** depending your on ride height.



**Extra Negative Camber Value Over OEM The Specification:  
Note the hi-lighted M6 locating bolt.**



# Install Guide

## Performance Front Control Arm - Camber Adjustable



### Customer Notes During Final Stage Of Install.

Tighten the 2x M10 bolts to 55Nm

Tighten the M6 bolt to 10Nm



- Any camber change will impact a few items:

The vehicle's toe setting will need immediate correction. **A wheel alignment will be required immediately after install.**

For reference - for interim action, each 1.0 degree camber change will need approx 1 full turn of the steering rack end. **This is a interim improvement only.**

Please be mindful of any clearance issues when the ride height is lowered from original factory height and new camber settings are made - especially in a full-bump scenario.

Any rubber bushings should be tightened at ride height.

Road test the vehicle, then visually re-check all bolts post road test.

Re-check all bolts after 500-1000mls

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.