



Instructions Front Radius Arm Bushing - Caster Increase

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

Application - Tesla Model 3

(Refer current catalogue for complete listing)

Contents - off-set vertical axis bushings x2

WHITELINE performance radius bushings offers 0.5 degrees of static caster increase over original factory value. In addition, the low compliance synthetic elastomer material maintains wheel alignment settings - offering superior turn in and braking performance.

WHITELINE recommends wheel alignment settings are noted before disassemble.



1. Raise vehicle evenly and safely support.

Never rely on a Jack only

2. Start by removing the front plastic under-tray.

Refer LH image

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



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3. Un-bolt radius arm from vehicle - loosen and remove ball joint nut and vertical bushing nut and bolt (do not discard)



Note - turn hub lock to lock to help remove arms from car

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4. Use a hydraulic press to press out original rubber bushing,

Note - top press tool OD should not be larger than 69mm.

Bottom press tool ID should not be smaller than 71mm

5. Press new bushing into aluminium arm - careful to not to not damage arm.



Note - place offset as per LH image - the bushing bolt hole should sit inline with ball joint centre line. (away from ball joint).

6. Re-fit arm to vehicle with original hardware.

IMPORTANT - A wheel alignment must be carried out immediately after install.

7. Re-check all bolts after 200kms

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