

Installation guide

KTA123

WHITELINE

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Flat out

Code: Z378

Application:

- Subaru Impreza STi GD2 10/03-12/07

Always refer to current catalogue for complete application listing.

KTA123 is a complete kit of 4 adjustable control arms fitted with low compliance bushes designed to modify factory camber, toe and track on the rear of Subaru Impreza STi.

The result is greater range and more precise adjustment and a more direct connection between body and rear suspension delivering more predictable dynamic behaviour.

NOTE: These are "race-style" products designed for off-road use only. Reduced bush and suspension compliance and range of available adjustment can dramatically change vehicle behaviour and dynamics.

Contents: KTA123 contains:

- 4 x complete adjustable arms fitted with low compliance bushes

Installation guide:

Please read complete installation guide and check kit components prior to fitment. Whiteline recommends that all work be carried out by a qualified technician.

1. Measure original wheel alignment settings prior to any disassembly.
2. Note the position of the original control arms, swaybar endlink bracket and ride height sensor if applicable.
3. Disconnect rear swaybar endlinks and ride height sensor if applicable from control arms.
4. Raise the vehicle with a hoist / lift or alternatively raise and support on safety chassis stands, and remove rear wheels.
5. Remove all 4 rear control arms.
6. Adjust the length of new control arms to equal the original control arms, and lock the adjustment.
7. Fit new adjustable control arms. Apply grease to all bush to metal surfaces. **DO NOT TENSION** at this point.
Note: Front control arm inner pivot crush tube inside diameter is smaller at Ø12 mm. All other crush tubes have ID of Ø14 mm.
8. Lower the vehicle.
WARNING: DO NOT DRIVE the vehicle at this stage.
9. Reconnect swaybar endlinks and ride height sensor where applicable to control arms.
10. Tension all fittings to manufactures' torque specifications.
11. Test drive the car, check and re-tension all fittings.
12. Check and adjust wheel alignment to desired settings but be very careful to balance the settings on both arms to avoid erratic or unpredictable behaviour.
13. Check and re-tension all fittings again after a 100kms but no more than 200kms.

WARNING: Extra care and attention must be taken during adjustment of control arms. Excessive adjustment may cause differential and drive-train damage and tyre to bodywork interference.

Warning: Please drive carefully while you accustom yourself to the changed vehicle behaviour.



Photo 1 - KTA123 kit.



Photo 2 - rear view of left-hand side.



Photo 3 - rear view of right-hand side.



Photo 4 - close-up rear view of right-hand side.