

# SHIM SERIES 71770

## Instruction Sheet

### FIAT 500 REAR SHIMS

*This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.*

**Plan Ahead - Read All Instructions BEFORE installing part**

*Always check for loose or worn parts, tire pressure and odd tire wear patterns.*

**NOTE: You will need an inverted (female) Torx socket E20 to complete this job.**

1. Take alignment readings and determine amount of change needed.
2. Select the correct shims.
3. Raise vehicle and remove tire and wheel assembly.
4. Remove shock absorber to gain access to hub bolts.
5. Remove four bolts holding hub. Move hub and brake assembly as one unit away from axle. Take care not to stress ABS sensor wire or brake lines.

**NOTE: It is not necessary to remove ABS sensor wire from hub.**

6. Ensure hub and axle surface are clean and free of debris. Install shim(s) between hub and axle. Slot feature should be oriented forward for access of ABS wire.

**NOTE: Toe shims are marked L for left side of car and R for right side of car.**

**Camber shims are installed with orientation marking (+ or -) at the top and visible.**

7. With shim(s) in place, reassemble. Torque hub bolts to 75 lbft (102Nm), working up to proper torque in a star pattern.
8. Reinstall shock absorber and torque fasteners to manufacturer's specification.
9. Reinstall tire and wheel assembly and verify alignment change. Road test vehicle.

***Always check for proper clearance between suspension components and other components of the vehicle.***



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