

TRUNDLES

TRUNDLES 2" BODY LIFT (MAZ-006) FITTING GUIDE

**MAZDA BT50 / FORD RANGER PX
(2011-Onwards)**



NOTE: IF YOU ARE UNSURE ABOUT GENERAL FITMENT PLEASE CONTACT US BEFORE YOU START FITTING THIS COMPONENT TO YOUR VEHICLE.

TRUNDLES CANNOT BE HELD RESPONSIBLE FOR ANY FURTHER MODIFICATIONS OR DEVIATIONS FROM THE GIVEN INSTRUCTIONS LAID OUT IN THIS FITTING GUIDE.

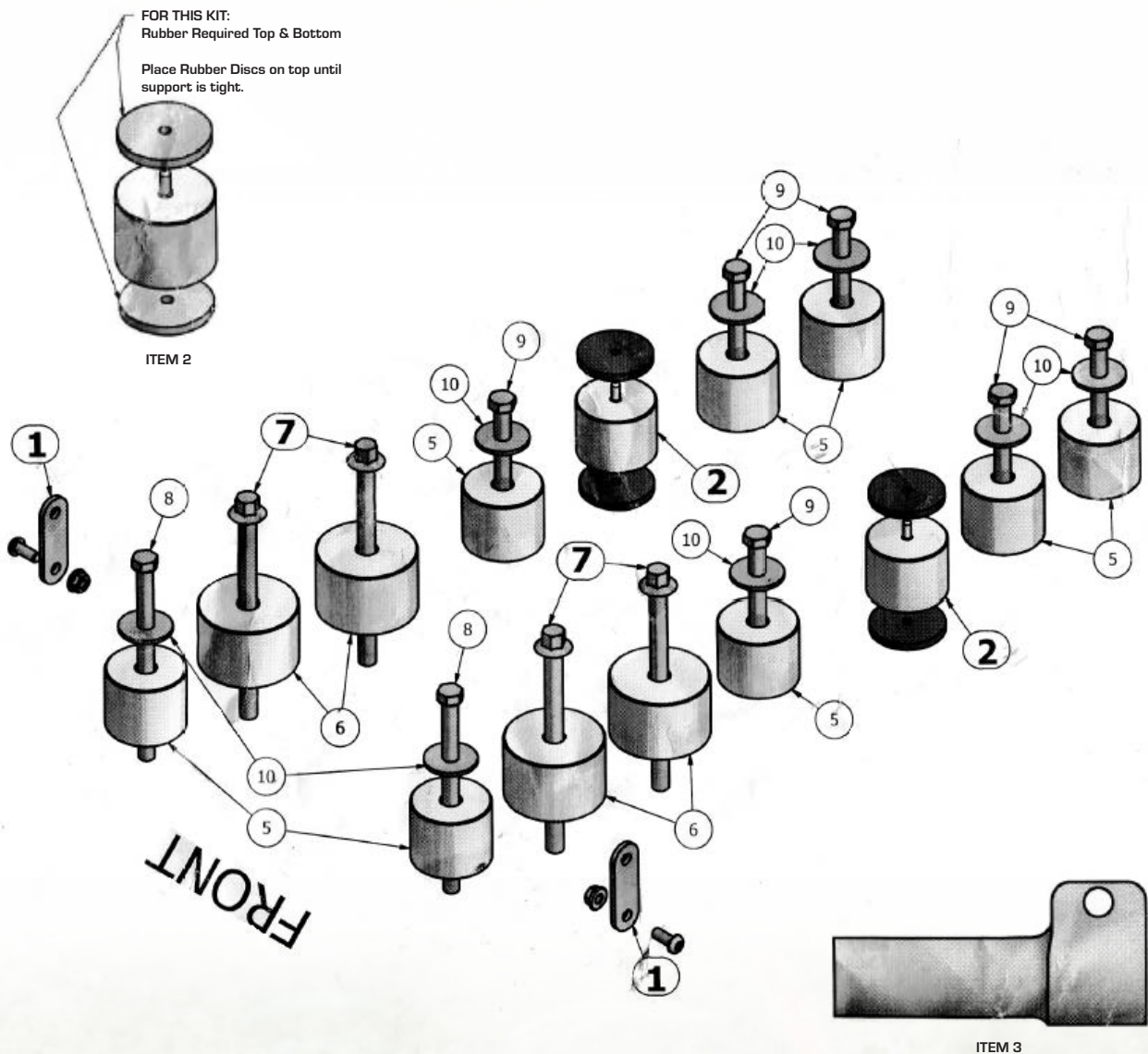
**PLEASE ENSURE TO READ ALL
INSTRUCTIONS BEFORE PROCEEDING.**

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TRUNDLES AUTOMOTIVE LTD - 4X4 Specialist
10-12 Cory John Place, Bell Block, New Plymouth
sales@trundlesautomotive.com
www.trundlesautomotive.co.nz

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FITMENT DIAGRAM



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PLEASE ENSURE TO READ ALL INSTRUCTIONS BEFORE FITTING THIS KIT.

Please note: Before the lifting of the main cab is done, make sure you disconnect the steering column. If you do not do this, you will damage your steering column!

If you are fitting this to a manual PX1 Ranger you will require an extra bracket for the gear lever.

This section will only apply to those with a manual PX1 Ranger.

- 1. Remove the center of the gear knob, remove the center number cap by prying under with small screwdriver. Remove the gear knob by undoing the torx screw. Twist the reverse selector mechanism anti clockwise to remove boot with mechanism.**
- 2. Remove the center console.**
- 3. Remove the factory gear selector support (black plastic assembly) with torx bolt.**
- 4. Remove the additional cover plate.**

5. Lock the steering wheel in position to avoid rotation of the wheel and damaging your clock spring.

6. Remove the lower steering column bolt that bolts to the steering rack for installation of the steering column extension to the 2nd universal up from the rack.

7. Remove all of the plastic front bumper assembly. You must pull from the outer edges of the bumper that meet at the headlights to unclip. **Take care as excessive force will damage clips and result in the bumper not meeting the guard/headlight as per factory.**

8. Remove the front bumper support steel and remove lower excess steel deflector via either cutting of the material or grinding of the welds. Re-fit.

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9. Remove lower section of the fan shroud.

10. Disconnect the brake line in the inner guard and install the extension bracket.

11. Undo **ALL** body bolts. **TAKE CARE WITH THE FRONT BODY BOLTS AS THEY ARE AN ENCAPSULATED NUT. WE RECOMMEND USING A SOCKET ON THE HEAD OF THE ENCAPSULATED NUT TO AVOID SPINNING AND DAMAGE.**

12. Remove all cab bolts.

13. Before lifting the cab, note the position of the electrical cables connected to the battery that go to the chassis and engine. Slowly lift and remove the plastic clips and cable ties as the cable ties get tight, re-tie once lifted.

NOTE: Check all other components in the engine bay when lifting.

14. Install the cab blocks and bolts. Apply lock tight to new extended bolts.

LIFT TUB FIRST, CAB SECOND!

15. Undo all the tub bolts and lift the tub one side at a time. Drill out the hole where the tub support nipple installs. Install the blocks and bolts with tub support with the nipple located in the tub for location.

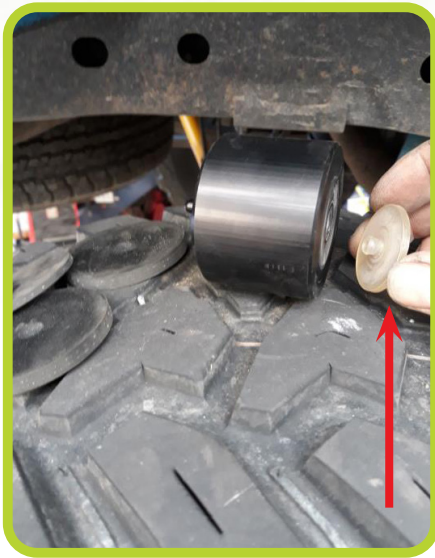
16. Repeat for the opposite side.

NOTE: Due to chassis flex, before tightening tub bolts, please shift the tub all the way back for maximum clearance to the main cab.

17. Re-fit all front plastics, bar and any other components removed including the steering column extension.

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1. Lift Tray First Before Cabin.

Re-use the OE rubber packer off the tray and fit to the new 2" spacer.

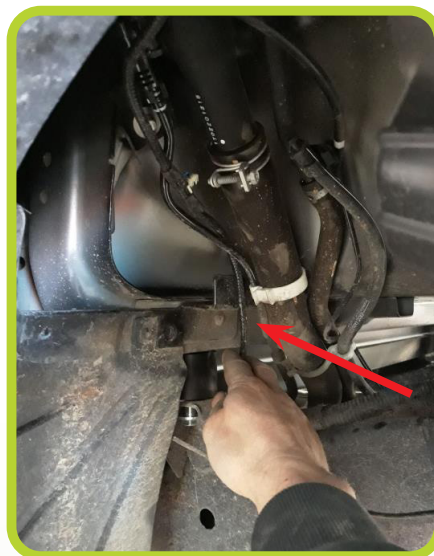


2. New 2" spacer with OE rubber packer ready to be installed.

Use supplied rubber washers to pack out the top of the spacer until it sits tight when the tray is bolted down.



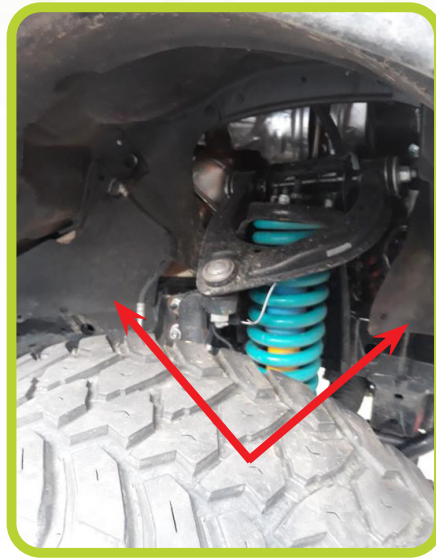
3. Loosen all tray mounts, remove left hand inner guard and check fuel filler/breather hoses and looms for enough length. Using a bar, lift one side at a time and fit the new spacers and bolts.



4. Loosen loom, check all fuel/breather lines to give 2" lift.



5. Check tow bar wiring and loom behind rear bumper for enough length.



6. Remove both sides, front inner guard rubber covers at bottom.



7. In straight ahead position, lock steering wheel using steering lock and/or seatbelt through the steering wheel to prevent damage to the clock spring. Loosen and remove the lower end of the steering shaft on the rack.



8. Unclip the positive battery cable from the bracket.



9. Remove the lower radiator fan shroud and discard. Cut off the lower tab to give enough clearance to the fan once lifted.



10. Remove the front bumper. Remove and discard the lower bumper supports on both sides.



11. **Remove the bumper support.** Grind/cut spot welds to remove the lower section. Clean up and paint.



12. Discard the plastic cover from in behind the bumper.



13. Loosen the front brake hose mounts and fit spacers from the lift kit (A). Cable tie the cover back to the chassis once lifted (B).



14. Fuel and brake lines by chassis (under left front seat) may need adjusting after lift. **Loosen all cab mounts – ideally lift the cab with 2 post hoist off chassis just enough to fit 2" spacers, while making sure no damage is done to any hoses, lines, cables, looms and steering shaft.**



15. DPF lines will need bending once lifted so the hoses are not tight.



16. Drill a new hole into the battery cable bracket where it lines up after the lift.



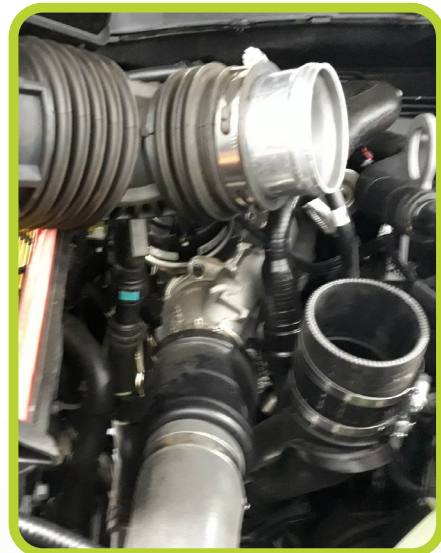
17. Loosen the hose clamp on the air filter lid and outlet and reposition to take strain out of the hose.



18. **(3.2L Engine)** Loosen the right hand intercooler hose on the bottom (near power steering pump). This extension will need to be fitted once lifted.



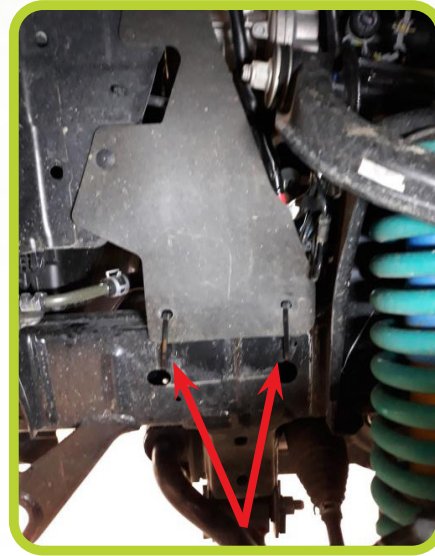
19. **(3.2L Engine)** Extension fitted to the right hand intercooler hose seen through the right front inner guard.



20. **(2L Engine)** Extension fitted to the air filter to turbo hose (cut off 2x rubber tags off OEM hose).



21. Fit the steering shaft extension to the second universal up from the rack, re-fit lower end to the rack and tighten bolts (seen through right front inner guard).



22. Secure the inner guard covers with cable ties to the chassis.



23. Re-fit the front bumper. Drill and tap x2 M6 into the bumper support where x2 inner lower bumper supports line up. Secure with bolts.



24. Cut recess out of the top engine cover to clear the heater hose.

Due to differing years/models, it is the responsibility of the installer of the lift kit to make sure no other hoses/lines/cables/looms are stretched/tight or fouling against sharp edges or moving parts.