

Fitting Instructions #0143LIS

Mitsubishi Triton 2006-2015

Strut Spacer/Raising Block Lift Kit – Approximate 20-25 mm Lift

Important Notes:

These components must be fitted by qualified persons only, in conjunction with the factory service manual.

Components have only been tested on and deemed suitable for vehicles with OE suspension. -Supplied kits and instructions are suitable for the vehicles kits were tested on. Fitting requirements may vary across vehicle model range.

Vehicle will require a wheel alignment after components have been fitted.

To improve off-road suspension articulation after fitment of this lifting kit, fit extended travel rear shock absorbers.

Installation Instructions: Strut Spacers (FSS-007-10)

- Use a jack to raise the front of the vehicle and support chassis on vehicle stands or use a hoist to raise vehicle (recommended);
- Before disconnecting any suspension components – take into account the following:
 - Disconnect any cables/hoses/sensors that could get overstretched during the installation procedure. Check for;
 - Brake hoses
 - ABS sensor cables
 - Etc
- Remove strut – It will be necessary to do the following to allow re-installation of strut assembly once the strut spacer has been attached:
 - Mark or make note which strut is left or right;
 - Undo sway bar links on both sides to allow sway bar to be moved away;
 - Remove upper control arm bolts from Chassis. See Picture 1;
 - Will need to use a jack under the lower control arm;
 - **Ensure vehicles rear wheels are on the ground and it can be done safely;**



Picture 1: Front Strut Removal

- Install strut spacers on front strut assembly:
 - Place strut spacer on to strut top cap as shown in picture 2;
- Reinstall strut assembly with strut spacer into vehicle;
- Reconnect any cables/hoses/sensors that were disconnected, replace any other components that were removed during installation and torque all fasteners as per factory service manual specifications;
- Only completely retighten the upper control arm bolts after the vehicle has been lowered to the ground and is sitting at riding height.



Picture 2: Strut Spacer on Strut

Installation Instructions: Rear Raising Blocks (FSB-007)

- Use a jack to raise the rear of the vehicle and support chassis on vehicle stands or use a hoist to raise vehicle (recommended);
- Before disconnecting any suspension components – take into account the following:
 - Disconnect any cables/hoses/sensors that could get overstretched when the axle housing is lowered – check leaf spring and both front and rear of axle housing for;
 - Brake hoses
 - ABS sensor cables
 - Handbrake cables
 - Diff breathers
 - Diff locker cables/hoses/sensors
 - Etc

Note: A leaf spring on either side of the vehicle must be attached to the axle housing at any time. Raising blocks must be installed one side at a time.

- Disconnect rear lower shock absorber eye from vehicle mounting point;
- Disconnect axle housing from leaf spring and gradually lower axle housing until the raising block will fit in the gap between the leaf spring perch and the leaf spring;

Note: It may be necessary to loosen (**do not remove**) the U-bolt nuts on the other side of the vehicle if more distance between the leaf spring and the axle housing is required.



Picture 3: Installation of Raising Block

- Place the protruding pin on the raising block into the recess on the leaf spring perch and raise axle housing gradually until the leaf spring centre bolt head fits into the recess on the raising block;
- See picture 3;

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- Reconnect axle housing to leaf spring using the supplied U-bolts. Only lightly tighten U-bolts and ensure that the U-bolt is sitting correctly in the upper saddle. **Failure to do so will bend the new U-bolt when tightening.**
- Repeat procedure on other side of vehicle to install the other raising block;
- Torque all U-bolts to 110-130 Nm;
- Reattach both rear shock absorbers. It may be necessary to lower wheels onto the ground;
 - **Do not try and jack up rear axle while vehicle is in the air;**
- Reconnect any cables/hoses/sensors that were disconnected, replace any other components that were removed during installation and torque all fasteners to service manual specifications.
 - **Ensure no cables/hoses/sensors will be overstretched at full droop before reattachment.**

Note: Check all fasteners after 1000 km.