

Goal

- To learn how to change a tire.

Steps

- Pull off the road safely.
 - Do not abruptly brake or turn the wheel.
 - Drive onto the shoulder as far off the road as possible.
 - Try to get to a level area.
 - Try to get to an area away from a turn.
 - Put the vehicle in park and set the emergency brake.
- Collect all your safety equipment.
 - Roadside triangles.
 - Jack.
 - Lug wrench.
 - Equipment to remove the tire from under the vehicle.
- Put out three triangles behind the vehicle at 10', 100', and 200' (reflective side facing traffic).



- Place wheel wedges (or large rocks) behind and in front of the tires not being changed.
- Remove the spare tire from under the vehicle.
 - Unfold spare tire lower rod (found in the vans on the rear side panel inside the back door or under the back seat of the pickup truck).
 - Put it together as shown in the photos below.



- Unplug plastic holder located in the center of the above the bumper.



- Insert lowering rod into hole to the lower mechanism to rotate counterclockwise.



- Lower the spare tire.



- Remove the hub cap (use the flathead screwdriver in the jack box).



- Loosen all the lug nuts (about ½ turn for each) but do not remove them yet.



Prepare the jack to raise the vehicle.

- Insert rod into jack.



- Make sure you lock rod with jack.
- Tighten jack wedge clockwise with screwdriver to make car jack lift.



- Test functionality by pumping the rod up and down to see if the jack raises.

Place the jack under the vehicle. The jack is placed beneath the vehicle frame alongside the tire that is flat.

- Pickup truck front
- Pickup truck rear
- Van front



- Van rear



Place the jack under the vehicle at the designated spot.

- Raise the vehicle with the jack until the tire is six inches off the ground.



- Remove the lug nuts and then remove the flat tire.
- Mount the spare tire.
- Tighten the lug nuts.
- Lower the vehicle by inserting flathead screwdriver into jack wedge by rotating counterclockwise.



- Once the tire is back on the ground, tighten the lug nuts one more time.
- Replace the hubcap.
- Return all equipment to its original placement.