

## 203015 HONDA PILOT INSTRUCTIONS

Do things safely! Use a 2 post lift for this installation

### Front

1. Put the vehicle on lift, open hood, remove wheels.
2. Remove motor mount bolts on passenger side of engine, there are two bolts. Loosen bolt at motor mount that is on the rubber dampener.
3. Install 33.25.2 motor mount spacer with supplied 10mmx1.25x70mm bolts
4. Remove axle nut, push axle into hub.
5. Remove sway bar links
6. Remove brake line mount
7. Remove brake caliper and hang with hook so no stress on hose
8. Remove ABS sensor, and place out of the way
9. Remove tie rod
10. Remove ball joint nut
11. Near the windshield is the upper strut mount nuts under plastic covers. Remove the covers and loosen all three nuts, and remove 2 leaving 1 holding it in place loosely
12. Remove lower strut bolt from spindle
13. Loosen all 6 subframe bolts. Take each bolt out individually, one at a time, and place ½ thick subframe spacers, then thread back in three turns. We want the subframe to hang low in a safe way. You may find tall jack stands helpful. The lower the subframe is, the easier it is to reinstall the strut.
14. Separate ball joint and remove strut, support spindle to not strain inner CV
15. With strut removed, take off rubber cap from top of strut and install Traxda strut spacer
16. With Traxda spacer installed onto strut, reinstall into vehicle. Have a person help by putting an upper strut mount nut on loosely.
17. Put strut into spindle and reattach the balljoint and tie rod
18. Repeat for other side
19. Install foam gasket between steering rack boot and the firewall
20. Install new sway bar links
21. Tighten front subframe bolts (6 of them). Torque to 140 ft lbs. Make sure you have the subframe spacers in place
22. Reassemble the remaining parts, using new cotter pins and reinstall the wheels.

### Rear

1. Remove wheels
2. Install the brake line extension bracket using supplied hardware, there are right and left version of the bracket
3. Install the subframe spacers, do one side at a time, using supplied 14mmx2.0x180 bolts. Torque to 140 ft lbs
4. Install the subframe support bracket spacers. There are 4 pieces of DOM tube for the front subframe support brackets, and there is a 33.21 spacer for the rear subframe support brackets

5. Place a long bolt (not supplied) in the hole in the rear lower suspension arm beside the spring
6. Using a tall jack stand braced against the long bolt, add some pressure to the arm
7. remove the inner control arm bolt, then lower the tall jack. The spring may want to jump out of the truck
8. If the spring stays in, loosen the outer control arm bolt at the spindle and the spring will fall out.
9. Loosen the other suspension arm bolts as there is a lot of bushing tension and this will affect the lift.
10. Remove the upper shock mount bolts
11. Install the Traxda shock spacer with supplied hardware.
12. Put the Traxda spring spacer on top of the rubber isolator
13. Reinstall the spring into the truck, making sure the spring is properly seated into the rubber isolators, and lift the arm back into place with the tall jack stand
14. Reinstall the inner control arm bolt , use a pry tool to get rubber bushing lined up
15. It is best to re-tighten the bolts loosened in step 9 while on the alignment rack, but if that is not possible then retighten them now.
16. Reinstall the wheels

## Alignment

Front	Left	Right
Caster	4-6 degree	4-6
Camber	+ .5 to -1 degree	+ .5 to -1 degree
Toe	-1/16"	
Rear		
Camber	+1 to -.5 degree	+1 to -.5 degree
Toe	-1/16" to 0	