

## HHPD-F/HHPD-R Installation Instructions

1. Open the hood and set at highest setting. Remove the front wheels. Starting on the driver side.



2. Use a flat screwdriver to remove windshield wiper access panels. Remove the three 14mm upper strut nuts.



3. Remove the brake line support bracket using a 12mm wrench.



4. Use a 10mm wrench and remove the ABS line support bracket bolt.



5. Unbolt and remove the front sway bar end link. You will not reuse this part.



6. A 24mm wrench and socket will be needed to remove the lower strut mounting bolts.



7. Carefully remove the strut from the vehicle making sure not to drop it on the outer CV boot. Tilting the knuckle towards the rear of the vehicle will make removal easier.



8. Please note that the strut extensions are driver side and passenger side specific. Arrow points toward front of vehicle



9. Install the strut extension using the OEM hardware. Tighten to nuts to 30 lb-ft.



10. Install strut back into factory location, install nuts supplied with kit but leave loose.



11. Insert the knuckle into the lower strut mount. A C-Clamp may be needed to align the mounting holes. Insert the OEM hardware and tighten to 200 lb-ft.



12. Tighten the three upper strut mounting nuts (14mm) 30 lb-ft.



13. Install the supplied sway bar end link. Tighten to 85 lbft. Reinstall the brake line support bracket and ABS line support bracket using the OEM hardware. Repeat Steps 1-13 on opposite side. Be sure to double check that all fasteners are to factory torque specifications. Reinstall the front wheels and tighten lug nuts to factory specifications. If vehicle is on a two post lift continue to the next step.



## REAR INSTALLATION

14. If vehicle is on jack stands, lower the vehicle to the ground. Chock the front wheels to prevent a rollout, lift the rear of the vehicle by the frame and support with jack stands. Please consult your owners manual for the proper locations to support your vehicle.

15. Remove the two 10mm bolts that hold the ABS line support



16. Unbolt the lower sway bar end link with a 14mm socket.





17. Support the lower control arm with a jack. Remove the rear upper shock mounting bolt.



18. Remove the nut and cotter pin from the outer ball joint end of the upper arm and break the taper using a tie rod end separator.



19. Remove the bolt on the body end of the arm and remove the stock arm. Make sure that both ends of the EZ Arm have equal thread showing on both sides of the turnbuckle.



20. Adjust the EZ Arm to the same length as the stock arm. Install the arm by first installing the bolt at the body, but **DO NOT TIGHTEN**. Install the ball joint end into the knuckle using the OEM nut and cotter pin.



21. Remove the bolt that connects the lower control arm to the knuckle.



22. Lower the jack then remove the coil. Be sure to mark where the spring seat is on the lower control arm. You may need to loosen the cam bolt at the frame.



23. Use a 14mm socket and extension to remove the rear bump stop bracket.



24. The rear coil spacer will mount in the factory coil bucket.



25. Reinstall the bump stop and bracket with the coil spacer on top.



26. Push down on the lower control arm and install the coil. Make sure that the coil is properly seated in the lower control arm.



27. Use a jack to raise the lower control arm, align the mounting holes and install the OEM bolt. Tighten to 117 lb-ft.



28. Reinstall the shock.

Repeat steps 15-28 on opposite side. Once opposite side is completed reconnect the lower sway bar end links, tighten to 42 lb-ft. Install the rear wheels, lower vehicle to the ground. Tighten the bolt at the body to 117 lb-ft on both sides. Be sure to double check that all hardware is tightened to factory specifications. Alignment is required on both front and rear. Use factory specifications.

## POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.

2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.

3. Headlight adjustment is highly recommended.

4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.