

Safety Recall Notice

Service Bulletin

507478 Rev. A



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August 2018

NHTSA Recall: 18V489

Kit Number: 507505KS

Applicable for: Dodge/Chrysler ADA Infloor

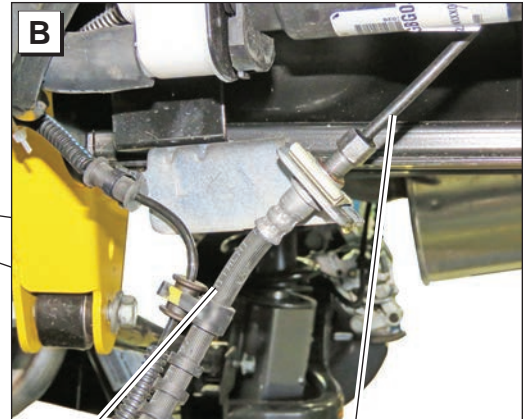
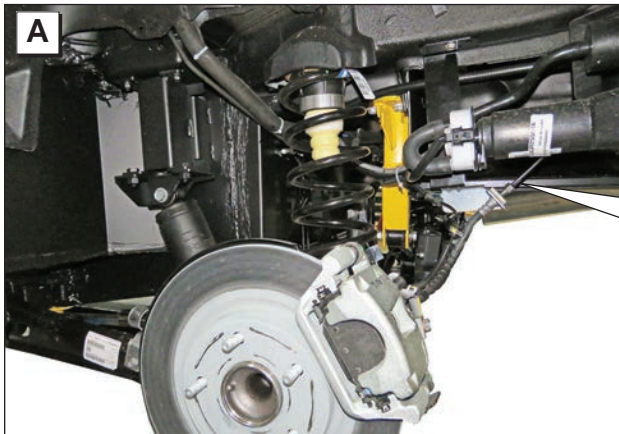
Repair Time: 1 hour

Read Instructions Before Beginning

Note: BraunAbility recommends this procedure be performed by a certified ASE technician or equivalent.

Tools Required: (2) 12mm Line Wrench, 11mm Wrench or Bleeder Wrench, 3/8" Line Wrench, Brake Line Tube Bender, DOT 3 Brake Fluid

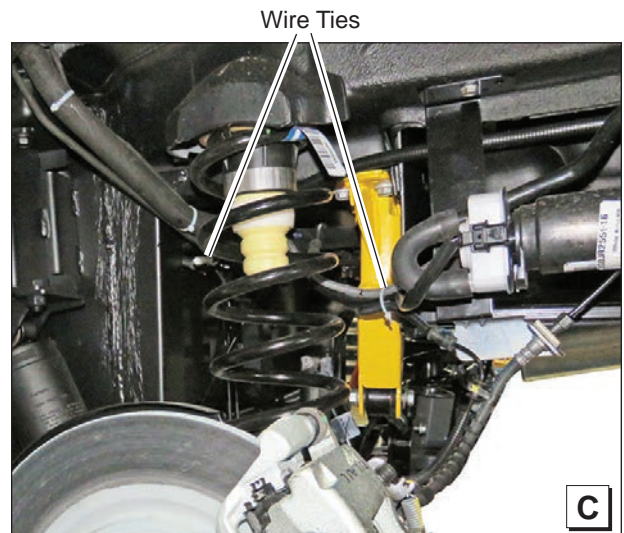
Goal: To reroute rear passenger side braking to rear driver side and rear driver side braking to rear passenger side.



Flex Brake Line

Driver Side Hard Brake Line
(Will Be Rerouted to Passenger Side)

1. Disconnect vehicle battery.
2. Lift rear of vehicle and remove both rear wheels.
3. Locate driver side hard brake line. See Photos A and B.
4. Remove wire ties securing harness to hard brake line. See Photo C.
5. Disconnect hard brake line from flex brake line. Refer to Photo B.



Wire Ties

Dodge/Chrysler ADA Infloor Brake Line Retrofit 507478 Rev. A

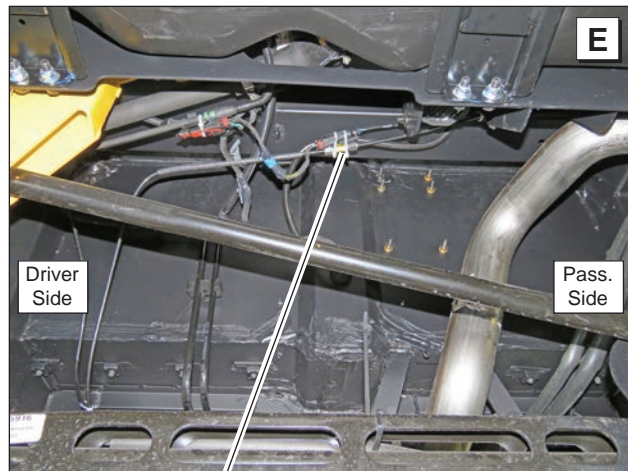
6. Use an appropriate container to capture brake fluid.

7. Press brake pedal to floor and place block to keep pedal depressed to prevent fluid flow while brake lines are separated. See Photo D.



Brake Pedal Blocked

8. Remove wire ties securing harness to passenger side hard brake line. See Photo E.



Wire Ties

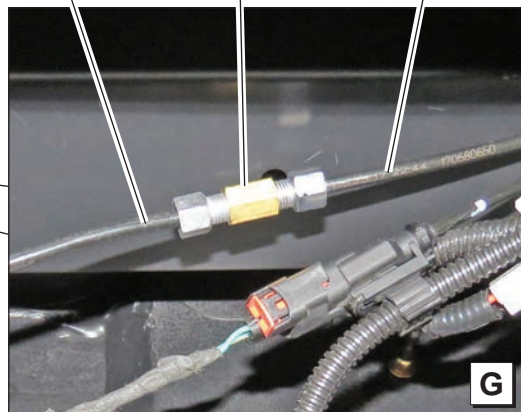
9. Separate the two halves of the passenger side hard brake line. Disconnect master cylinder side of line from line coupler fitting, leaving the coupler fitting attached to the caliper side of the line. See Photos F through H.



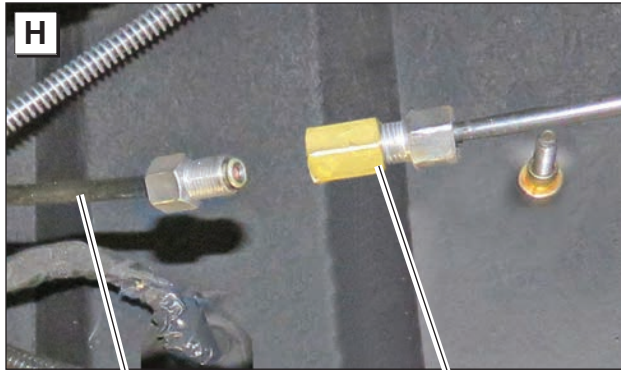
Disconnect Passenger Side Hard Brake Line to Master Cylinder From Coupling

Coupler Fitting

Do Not Disconnect Passenger Side Hard Brake Line to Brake Caliper From Coupling

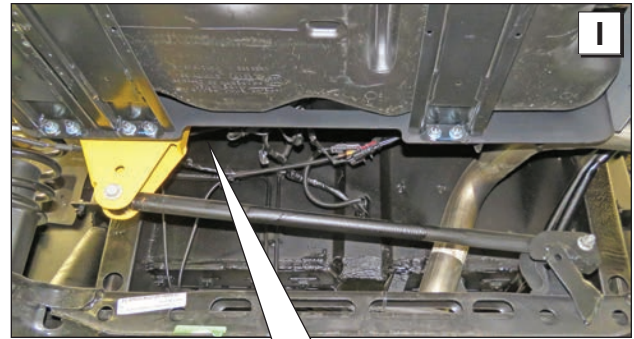


Dodge/Chrysler ADA Infloor Brake Line Retrofit 507478 Rev. A

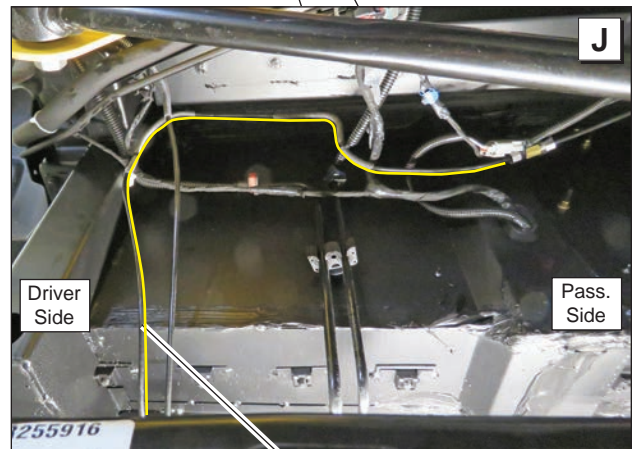


Passenger Side Hard Brake Line to Master Cylinder (Will Be Rerouted to Driver Side Caliper)

Passenger Side Hard Brake Line to Brake Caliper With Retained Coupler Fitting



10. Reroute driver side hard brake line disconnected in Step 5 as shown. See Photos I and J.



Rerouted Driver Side Hard Brake Line to Passenger Side

11. Connect rerouted driver side hard brake line (male fitting) to passenger side coupler fitting (female fitting). Refer to Photos H and J.

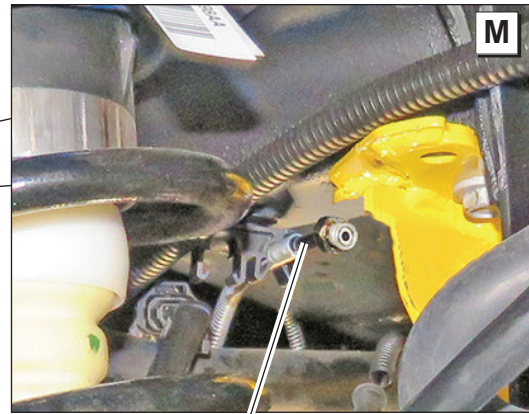
Note: Use care when connecting brake line fittings to avoid cross threading.

Reroute Passenger Side Hard Brake Line to Driver Side

12. Reroute hard brake line disconnected in Step 9 to driver side as shown. See Photos K through M.



Dodge/Chrysler ADA Infloor Brake Line Retrofit 507478 Rev. A



Passenger Side Hard Brake Line

13. Install driver side brake line extension. See Photos N through P.

14. Secure harnesses to brake lines. Refer to Photos C and E.

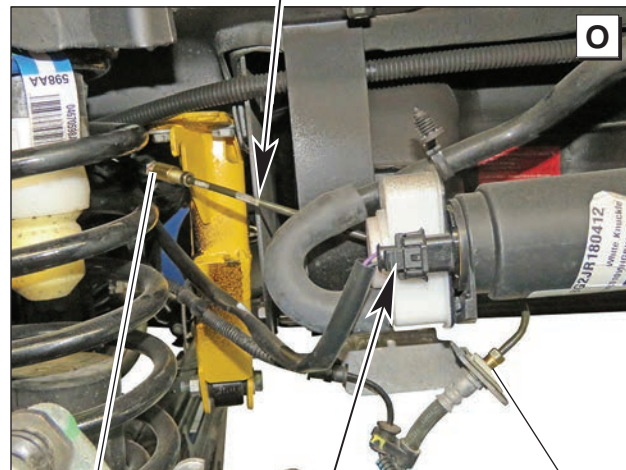
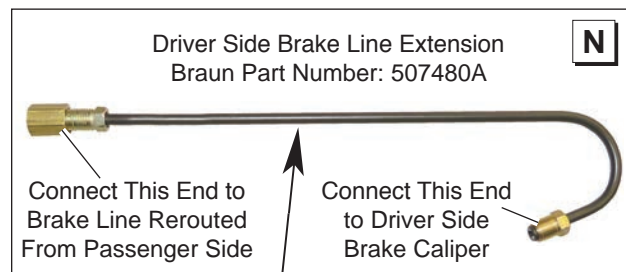
15. Remove block installed in Step 7 and bleed brakes per manufacturer guidelines.

16. Check for brake fluid leaks while someone presses the brake pedal.

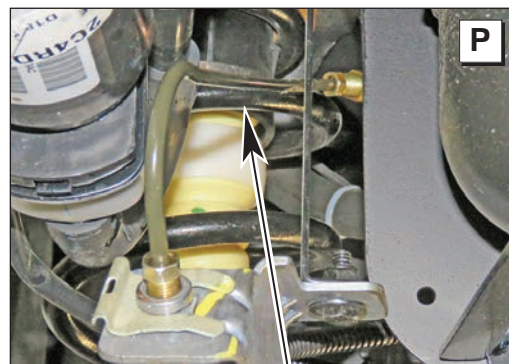
17. Install wheels and connect battery.
Torque lug nuts to 100 ft•lbs.

18. Test drive vehicle and perform 2-3 hard braking tests.

19. Repeat step 16.



Connect to Hard Brake Line Route Behind EVAP Cannister Connect to Flex Line



Ensure Brake Line is Clear of Coil Spring