



EVO-1008 Rear Double ThrowDown



| | QTY | PART# | DESCRIPTION |
|--------------------------|-----|---------------|-------------------------------------|
| <input type="checkbox"/> | 1 | EVO-10047DS | DRIVER DOUBLE THROWDOWN ARM, SILVER |
| <input type="checkbox"/> | 1 | EVO-10047PS | PASS DOUBLE THROWDOWN ARM, SILVER |
| <input type="checkbox"/> | 1 | EVO-10003 | DTD EVOLEVER SUBFRAME |
| <input type="checkbox"/> | 1 | EVO-10005 | CANTI TRACK BRACKET |
| <input type="checkbox"/> | 1 | EVO-10006 | DRVR HEIM MOUNT BRACKET |
| <input type="checkbox"/> | 1 | EVO-10007 | EVOLEVER FRAME SIDE TRACKBAR RELO |
| <input type="checkbox"/> | 2 | EVO-10008CZ | ENDLINK TUBE, CANTILEVER ARM |
| <input type="checkbox"/> | 2 | EVO-600003 | 3/4 MALE RH HEIM |
| <input type="checkbox"/> | 2 | EVO-600036 | 3/4 MALE LH HEIM |
| <input type="checkbox"/> | 2 | EVO-900255 | 3/4 RH HEX JAM NUT |
| <input type="checkbox"/> | 2 | EVO-900256 | 3/4 LH HEX JAM NUT |
| <input type="checkbox"/> | 8 | EVO-750500175 | MISALIGNMENT, 3/4 |
| <input type="checkbox"/> | 8 | EVO-900257 | HOSE CLAMP |
| <input type="checkbox"/> | 8 | EVO-900267 | TABS |
| <input type="checkbox"/> | 2 | EVO-600039 | 20" LIMIT STRAP |
| <input type="checkbox"/> | 2 | EVO-11024CZ | CROSS BRACE Clear Zinc |
| <input type="checkbox"/> | 4 | EVO-625500150 | MISALIGNMENT 5/8 |
| <input type="checkbox"/> | 4 | EVO-600028 | 5/8 MALE RH HEIM |
| <input type="checkbox"/> | 4 | EVO-900254 | 5/8 RH HEX JAM NUT |
| <input type="checkbox"/> | 1 | EVO-770020 | EVOLEVER HARDWARE PACK |
| <input type="checkbox"/> | 4 | EVO-900270 | Cantilever Bushing |

1. Elevate the vehicle securely
2. Secure rear axle on adjustable jack
3. Remove bolt retaining brakeline bracket from frame
4. Remove rear shocks
5. Remove rear swaybar endlinks
6. Remove rear springs
7. Remove rear trackbar
8. Remove rear swaybar from frame
9. Remove two bolts on inside of rear most cross-member
10. Apply a film of moly grease to the inside and outside diameter of pivot bushings
11. Insert greased bushings into cantilever arms. Two in each arm
12. Grease outer diameter of the pivot tube
13. Insert greased pivot tube into inner diameter of pivot bushings until both sides of pivot tube are flush with bushings
14. Cut coil bucket as marked on both sides of vehicle
15. Place subframe into position
16. Using factory hardware bolt two rear bolts into rear cross-member
17. Using the 4 bolts from the removed factory sway bar, install into forward portion of subframe
18. Remove driver rear brake caliper and rotor. Using a hole saw/rotary file, cut a 1" hole in dust shield, inline with the upper factory control arm bolt. Remove upper control arm bolt on driver axle and insert through the dust shield hole into control arm bracket.
19. Reinstall rotor and caliper to factory specifications



20. Install assembled EVO arms to pivot locations on the subframe with supplied 9/16" hardware



21. Place axle trackbar bracket into place on axle pad

22. Using supplied u-bolts and hardware, bolt into position

23. Insert 1/2" hardware and nut plate from top down into the factory spring mount.

24. Install passenger side endlink bracket with u-bolt and 1/2" hardware and nut plate



25. Grind bumpstop mount on frame smooth as seen in photo. Passenger side only.



26. Install Frameside Trackbar/bumpstop bracket into place. Install 1/2" x 1" bolt from factory trackbar bracket through into EVO bracket

27. Mark center of three holes on frame

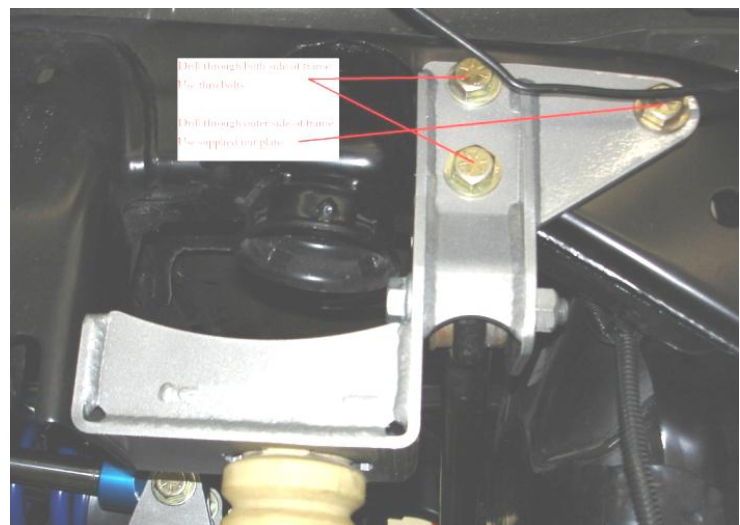
28. Drill rear two holes through with 1/2" drill bit

29. Drill forward single hole through outer side only with 1/2" drill bit

30. Install 2 1/2" x 4" bolts into through drilled holes

31. Install 1/2" x 1" bolt into forward hole.

32. Insert nut plate from large hole in frame and thread onto forward 1/2" bolt



33. Fully thread $\frac{3}{4}$ " jam nuts onto $\frac{3}{4}$ " heim joints, two are left hand thread and two are right hand thread
34. Fully thread heim joints into EVO endlinks, one right hand and one left hand thread each endlink
35. Insert mis-alignments into heims on EVO endlinks, two per heim joint



36. Using $\frac{1}{2}$ " hardware install one end of EVO endlink with mis-alignments into large end of EVO arm on driver side



37. Using $\frac{1}{2}$ " hardware install opposite end of EVO endlink into driver side axle trackbar mount

38. Using $\frac{1}{2}$ " hardware install one end of EVO endlink with mis-alignments into large end of EVO arm on passenger side

39. Using $\frac{1}{2}$ " hardware install opposite end of EVO endlink into passenger side axle mount



40. Assemble EVO cross brace links, thread jamb nuts on each heim and thread each heim into cross brace tube.



41. Install Driverside cross brace on EVO DTD cantilever arm, and other end with misalignments to the EVO DTD Subframe, Repeat these steps for Passenger side.



42. Install factory trackbar into frame side mount in factory orientation with factory hardware

If aftermarket is used, verify no interference issues with EVO arms

43. Install opposite end of trackbar into axle bracket with factory hardware

44. Install Coilover into rear mounting location on driver side with spacers and ½" x 2.5" hardware. Repeat these steps with Bypass shock.



45. Install Coilover into EVO arm on driver side with spacers and ½" x 2.5" hardware. Repeat these steps with Bypass shock.



46. Install Coilover into rear mounting location on passenger side with spacers and ½" x 2.5" hardware. Repeat these steps with Bypass shock.

47. Install Coilover into EVO arm on passenger side with spacers and ½" x 2.5" hardware. Repeat these steps with Bypass shock.



48. Coilover Reservoir tabs can either be mounted on the outside of the frame or on the EVO subframe with Bypass Reservoirs. Use two tabs and two hose clamps per reservoir.

49. Install factory swaybar to tabs on lower side of the subframe using the supplied 3/8 bolts, washers and lock nuts

50. Thread 1/2" studded heim joints (one left thread and one right thread) into each hex bar linkage.

51. Mount link into swaybar and factory axle location with supplied 1/2" washers and nuts. **On passenger side upper stud of swaybar: cut remaining tread off after nut is fully tightened.**

52. Install limit straps on subframe end with 1/2"x1.5" bolts

53. Install brakelines back into factory location. Verify brakelines are correct length

54. Using a 1/2" drill bit, enlarge hold on axle

55. Install lower mount of limit strap into drilled holes with 1/2"x1.0" bolt, washers and nuts

56. Reinstall tires and torque to factory specifications.

57. Re-torque all bolts after first 100 miles

58. Re-torque all bolts every 3000 miles and after every off road use.

