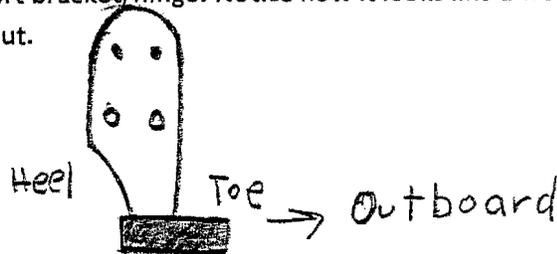


"Dual Air Bag Kit "

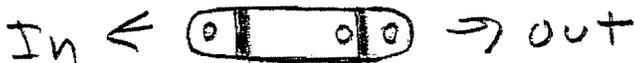
Note: (1) In preparation for Install you may want to shoot Penetrating fluid at all bolts & nuts that need to be removed, especially on the bogie housings which tend to corrode.

(2) We recommend using thread sealant Permatex PX#54540 or equivalent.

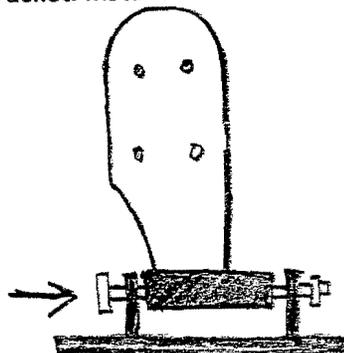
1. Block /chock front wheels.
2. Raise & support rear wheels on jack stands. If you cannot raise entire Rear end you can do one side at a time.
3. Remove wheels. If you do not have air tools, loosen lug nuts prior to raising rear end.
4. Remove "T" skirts. Save & Inspect 3/8 bolt. If you think it cannot be re-used substitute with one of the bolts in kit.
5. Release air from air bags whichever way it can be done safely.
6. Remove air bags.
7. Clean contact surface of bogie arms and top of bogie housing.
8. Remove bolt on brake hose assembly & inspect integrity. DO NOT DISCARD. In most cases it can be re-used, but if you determine it cannot be then you will have to visit a hardware store.
9. After Inspecting bolt place it back into its position but do not thread it in.
10. This completes removal & you are now ready to install your Dual Air Bag Kit. The hardest thing to install is the center support Bracket / Hinge Assembly. The key to an easier install is that it must go on as an assembly.
11. Gather Center Support Bracket /Hinge, holddown bracket, long bolt (1/2 x 4 1/2), 1/2 nut & grease fitting.
12. Let's start with Center Support bracket/hinge. Notice how it looks like a woman's boot with no heel. Thus, heel in and toe out.



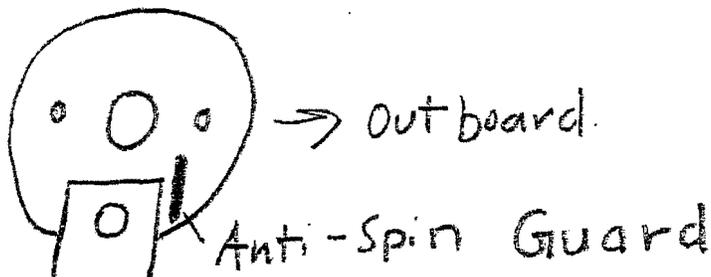
13. Now let's observe the Holddown Bracket. You will notice it has three small holes. The bracket must go on with single hole facing in towards coach. This hole will line up with brake hose "T".



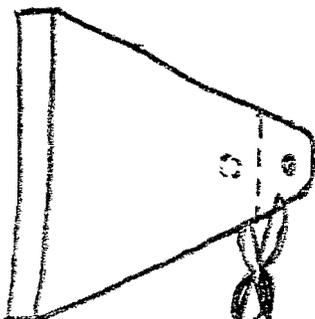
14. The long bolt MUST go in from inside to out. So take bolt & drive it first through, hold down Bracket & then the center Bracket. Install 1/2 nut but do not tighten, IT SHOULD LOOK LIKE THIS:



15. Now you are ready to put it on the Coach.
16. As you know there is a spacer that separates the bogie housing from the Brake hose "T". Take one hand & lift up on the spacer & "T" just enough to slide the now assembled Hinge Bracket under neath the spacer with the other hand. If it helps look at bottom view illustration.
17. Thread in 3/8 bolt under neath center support Bracket / Hinge and you can now torque down both bolts.
18. Tighten ½ nut enough so that the hinge can move freely forward & back.
19. Install grease fitting.
20. Take grease gun & pump enough grease so that you see it come out the ends while working the hinge forward& back in between pumps.
21. Now you are ready to install the Air Bags. Take Allen head bolts & one Air Bag, Install on center support bracket/hinge.
22. Install short Bracket on other Air Bag.
23. Marry, both brackets together with two bolts, two lock washers & two nuts.
24. Remove plastic inserts from Air Bags& install Brass reducers & Elbows DO NOT FORGET TO SEAL THEM. At this point I tend to align the elbows so that they point up & slightly inwards toward coach. But, it's your coach & you can have them point in any direction as long s it operates properly without getting pinched.
25. Now take bogie arm adaptors & install them on the "Air bags" first, but, very loosely, with 3/8 bolts & lock washers. Bogie arm adaptors go on with anti-spin guard, outboard.



26. Using jack lift one bogie arm at a time to ease bogie arm adaptor "Stud" through bogie arm hole. Install appropriate lock washer & nut. You can then torque all bolts & nuts. Continue with the other arm.
27. Now using included tubing & "T" you can install plumbing. We suggest placing the "T" closer to the right. Please see side view illustration.
28. Repeat procedure on other side. If you are working on one side at a time then air system up and inspect for leaks. Otherwise continue with other side before airing up system.
29. "T" skirt will require you to cut rubber end off & drill new 3/8 hole. Cut off approx. 1 inch. New hole should be approx. 1/4 away from edge & centered. Before cutting "T" skirt take a few measurements as the ones in instructions are only guide lines.

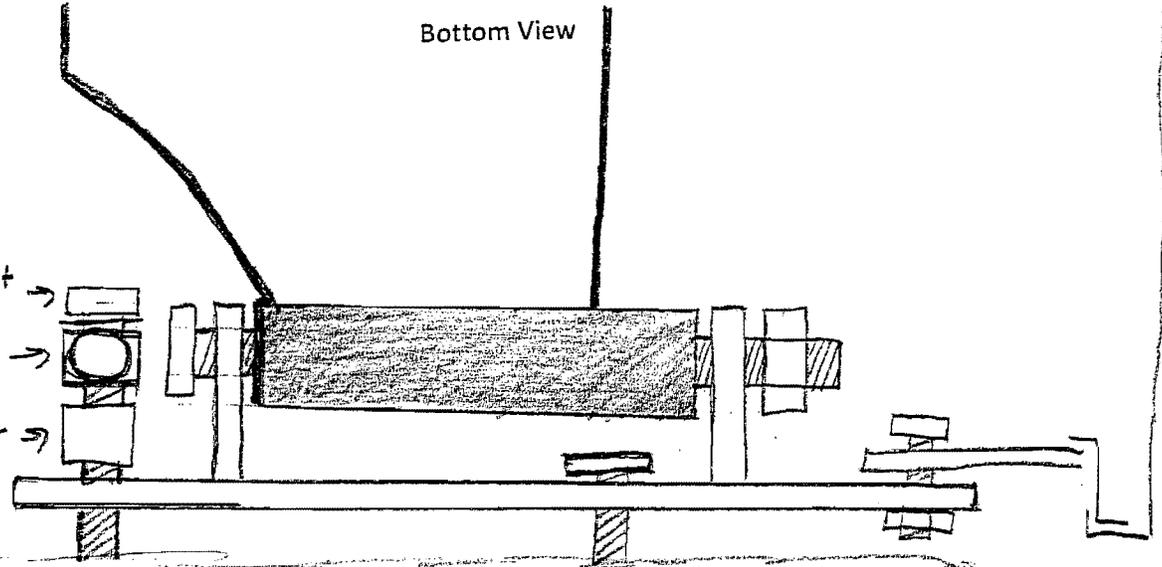


30. Lower coach & test drive.

Note(s): Short Bracket does not care if it ends up in front or behind center bracket & vice versa.

Bottom View

3/8 Bolt →
"T" →
Spacer →



Side View

