65-82 Electric Parking Brake Conversion

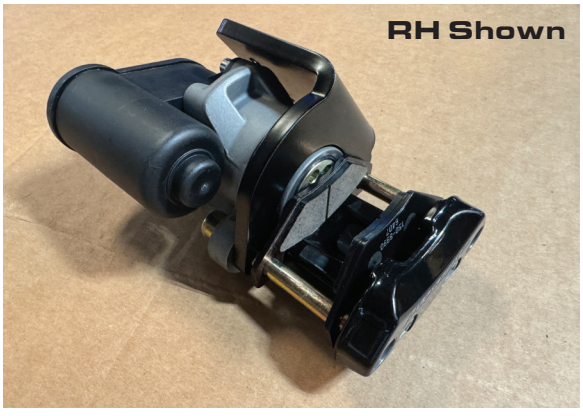
VAN STEEL
CORVETTE SUSPENSION SPECIALISTS

Parts List:
- (2) calipers
- (2) Caliper brackets
- (1) wiring harness
- (1) computer
- (1) switch
- mounting hardware

Caliper Bracket Install

1. Remove Wilwood mounting plate from calipers.
2. Install Van Steel brackets on calipers reusing the Wilwood bolts and brake pads. Place blue loctite on threads of caliper bolts.
3. **The bracket should swing under the electric motor assembly.**

For videos on this installation, check out youtube.com/vansteelcorvettes and see our installation playlist.



Skip to step 20 if you ordered coilovers w/bearings along with your EPBK and your assemblies do not have backing plates.

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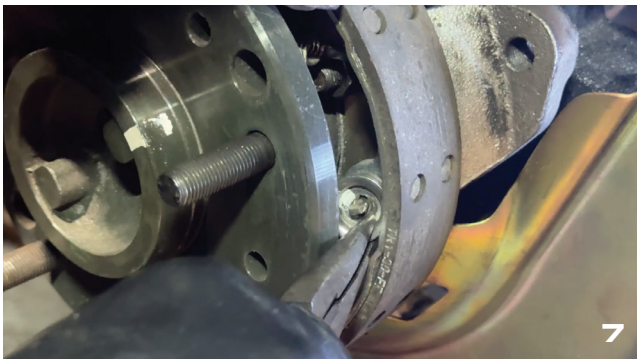

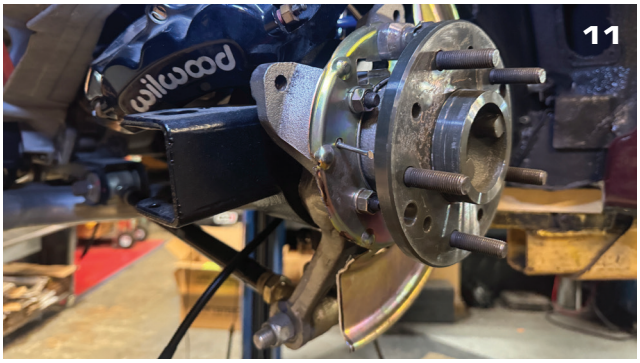

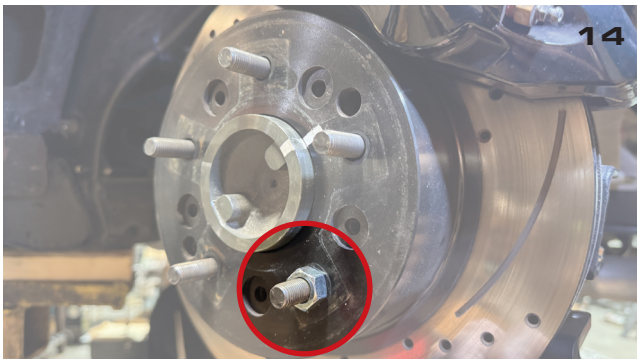

Factory PB removal

Skip this step if you ordered coilovers w/bearings along with your EPBK and your assemblies do not have backing plates.

4. With the car in the air, remove the calipers then the rotors.

5. Remove the upper parking brake spring.

6. Use a screw driver to spread the shoes open away from the spindle to gain access to the retaining pin and hold down cap.

7. With needle nose pliers, push down on the hold down pin and turn until it comes free of the hold down cap.

8. Remove parking brake shoes with lower spring and adjuster still attached.

9. Remove the parking brake cable by removing the mickey mouse clip on the trailing arm and then prying the ball off the lever.

10. To remove the lever, you can cut the backing plate or you have to remove the c-clip that holds the two halves together on the lever and take each part out individually. You'll have to slightly bend the backing plate to remove the hook portion of the lever.

11. Mark the backing plate with a sharpie and cut off with a cut off wheel or grinder. See photo 11 for how much will be remaining of the backing plate.

12. We suggest painting the edges of the backing plate to protect them from rusting. You can use a spray can lid and a small brush to apply the paint. We used satin black.

13. Remove the parking brake pins that are towards the front of the car and you'll have to cut off the pins to the rear of the car if desired (not needed)

14. Reinstall your rotors and your calipers. Install one nut or lug nut on the rotor so the rotor sits flush with the spindle.

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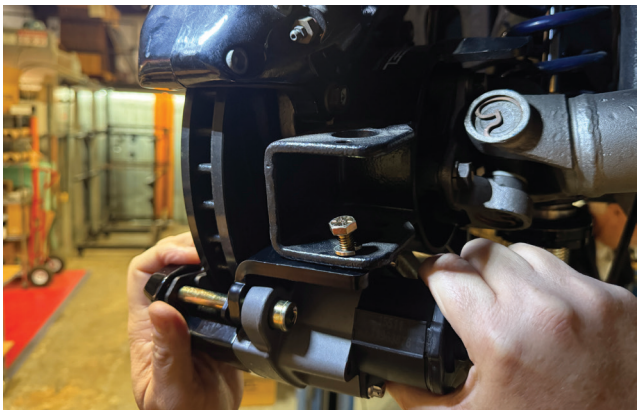

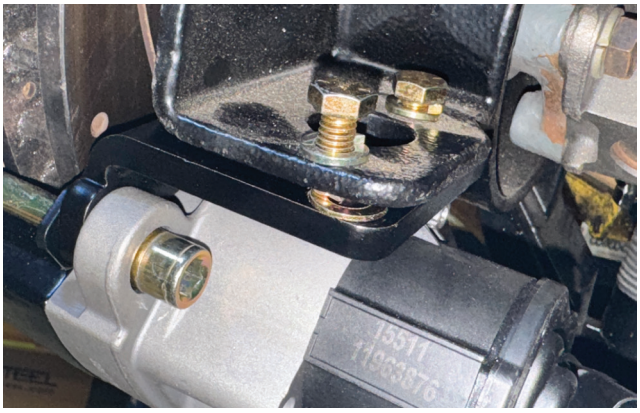

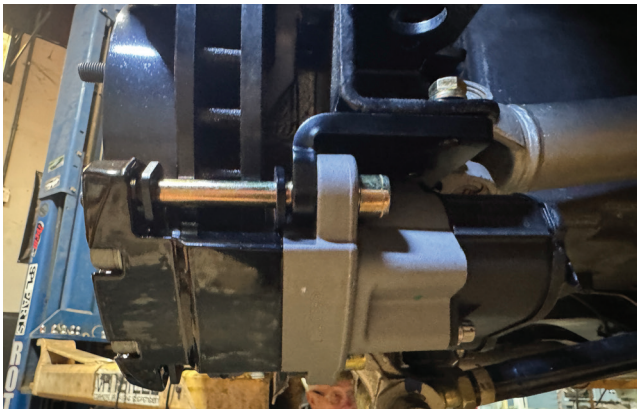

Caliper to t-arm

20. Loosely mount the parking brake caliper to the back lower holes of the trailing arm. If you have Van Steel's older welded style coilover arms, you may have to drill two holes on either side of the spring bolt hole on the bottom of the t-arm.
21. Check to see if the pads are centered and square on the rotor. Due to manufacturing variances on t-arms, you may need to use a spacer between the bracket and t-arm to align the caliper on the rotor properly.
22. With the car in neutral, turn the rotors to make sure the pads are not rubbing.

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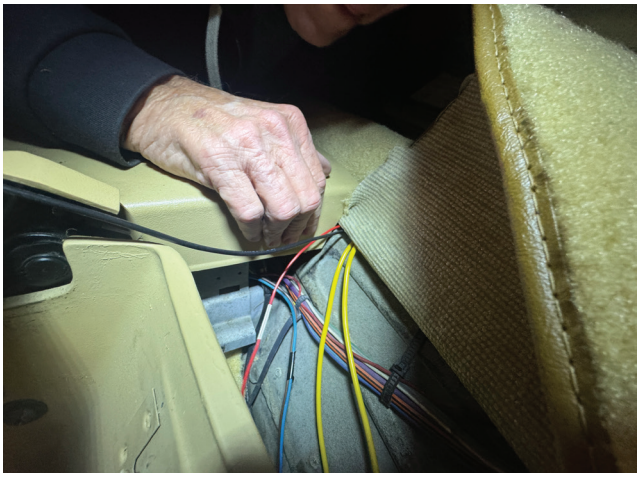


Electrical install

23. You'll need to determine where you want your cables to run. We drilled a hole on the top of each bucket so we can run the cable.

24. By depinning the electrical plugs that go to the caliper motor, you can make a smaller hole in the fiberglass. You can use a grommet or silicone the whole when install is complete.

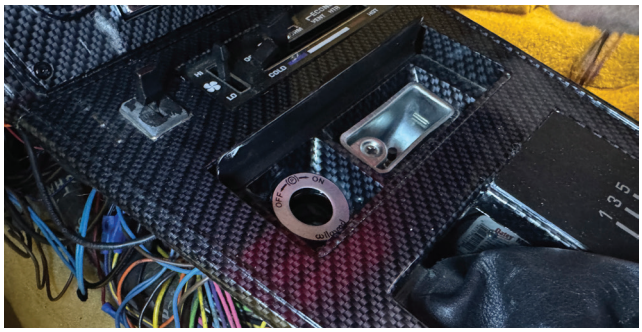
25. Run all lines to the passenger side bucket behind the passenger seat. You can mount the brain on the bottom of the bucket with double sided tape. Check for clearance on your bucket inserts if you have them.

26. Remove the bottom seat cushion and the center console side panel on the drivers side to gain access to your electrical connections. You'll need power, ground and accessory power. The caliper will only activate if the key is in the on or run positions.

27. You can mount your on/off switch where ever you like, but it does fit conveniently where the cigarette lighter used to be. You'll need to run the switch cables to your final location.

28. Connect your power, ground and accessory power wires. Turn your Corvette to run or start and ensure both calipers are engaging and retracting.

29. Reinstall your side panel and seat cushion and you are complete.



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