

Detroit Speed
Tailgate Trunnion Kit
 1967-86 GMC C/K Truck, 1987-1991 GMC R/V Truck
 1969-1972 Chevrolet Blazer / GMC Jimmy
 P/N: 012011DS, 012012DS & 012013DS

Upgrade the function and finish of your Chevrolet or GMC tailgate with Detroit Speed Tailgate Trunnions. Designed to replace outdated steel trunnion pivots, these delrin bushings include a rubber O-Ring to eliminate the rattle and vibration that plague vintage tailgate trunnions. The design also removes the "lift out" feature of squarebody tailgates, improving the security of your classic truck.



012011DS Shown

Kit Contents

Item	012011DS - Tailgate Trunnion 67-72 C/K, 69-72 Blazer / Jimmy	Part #	Quantity
1	Tailgate Trunnion Base	99010198	2
2	Tailgate Trunnion Bushing Inner	99010233	2
3	Tailgate Trunnion Bushing Split Outer	99010234	2
4	Square O-Ring	920065FS	2
5	Tailgate Trunnion Hdw Bag	200194DS	1

Item	012012DS - Tailgate Trunnion 73-80 C/K	Part #	Quantity
1	Tailgate Trunnion Base	99010199	2
2	Tailgate Trunnion Bushing Inner	99010233	2
3	Tailgate Trunnion Bushing Split Outer	99010234	2
4	Square O-Ring	920065FS	2
5	Tailgate Trunnion Hdw Bag	200194DS	1

Kit Contents

Item	012013DS - Tailgate Trunnion 81-86 C/K, 87-91 R/V	Part #	Quantity
1	Tailgate Trunnion Base	99010199	2
2	Tailgate Trunnion Bushing	99010204	2
3	Square O-Ring	920064FS	4
4	Tailgate Trunnion Hdw Bag	200194DS	1

Item	200194DS - Tailgate Cable HDW Bag C/K Truck	Part #	Quantity
1	BHCS, 3/8-16 x 1 Stainless	950164FS	4
2	Washer, 3/8 AN Flat Stainless	970014FS	4

Tailgate Removal:

The Tailgate must be removed from the truck to install trunnion pivots. It is recommended that you have second person assist with removal to prevent any paint damage.

1967-1974 Applications

1. From the bottom side of the truck, remove the bottom bolt from one trunnion pivot.
2. Open the tailgate and remove the support rods from the tailgate.
3. While supporting the tailgate, remove the top bolt from the trunnion pivot to allow the gate to move upward
4. Raise one side of the tailgate until the tailgate and trunnion base can be removed from the opening of the bed.
5. Remove the tailgate from the truck and set aside.
6. Remove the hardware securing the remaining trunnion pivot to the bed and remove trunnion base.

1975-1991 Applications (Liftout Tailgates)

In 1975, GM introduced the liftout tailgate which features an opening on the right hand pivot, allowing for easier tailgate removal and installation.

7. Open the tailgate and remove the support rods from the tailgate.
8. Move the tailgate approximately halfway open, then lift up on the right side to remove from the trunnion pivot.
9. Remove from the left side trunnion and set tailgate aside
10. Remove the hardware securing the factory trunnion pivots to the bed, and remove trunnion bases.

Installation Instructions:

1967-1980 Applications

The construction of the Chevrolet tailgates of this era produced a pivot with inconsistent fitment. To improve this fitment, the bushing features a unique expanding design.

11. Install the provided square O-Rings onto the larger of the two piece trunnion bushing. This bushing is slit to allow for expansion.



Assemble O-Ring

12. Trunnion bushings feature a stepped taper to allow expansion into the tailgate pivot. Install the outer bushing onto the tapered inner and push onto the first step. You will hear an audible “click”. Insert the larger base of the bushing into the tailgate.
13. The bushing should fit snug in the tailgate pocket. If loose, expand the outer piece of the trunnion by pushing it further onto the tapered inner. Using a large socket and rubber mallet, lightly tap the outer piece onto the next step. It is recommended to increase 1 step and recheck the fitment.



Insert Trunnion bushing into Tailgate

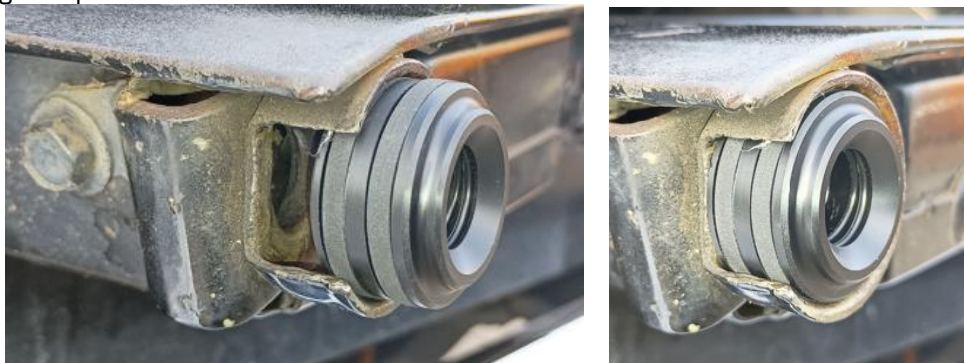
1981-1991 Applications

14. Install the provided square O-Rings onto each trunnion bushing. There is 2 O-Rings per bushing



Assemble O-Rings

15. Insert the trunnion bushings into the tailgate pivot. Fitment will be snug and may require a light tap with a dead blow hammer or rubber mallet.



Insert Trunnion bushing into Tailgate

All 1967-1991 Applications

16. Install one aluminum trunnion base onto the bedside, using the provided button head cap screws and washer to secure into place. Do not fully tighten hardware to allow the pivot to move slightly.

NOTE: Apply anti-seize to the threads of the hardware.



Install Trunnion Base, prepare for tailgate installation

17. Remove the rubber bumper from the opposite side the bed to allow clearance for the tailgate/trunnion installation. Set aside for reinstallation later.



Remove Rubber Bumper

18. Apply a lightly coating of grease to the inside of both delrin bushings. The internal grooves provide a location for this grease to remain in place.
19. Insert the second trunnion base into the tailgate to prepare for reinstallation of the tailgate.
20. With assistance, begin reinstalling the tailgate onto the truck. Position the tailgate into place and slide the bushing onto the installed trunnion base.

21. Raise the opposite side of the tailgate until the loose trunnion base fits into the opening of the bed.



Insert Tailgate into Bedside

22. Lower the tailgate until the trunnion base aligns with the mounting holes. Insert and hardware and secure into place.

NOTE: Apply anti-seize to the threads of the hardware.



Install top fastener

23. Install the lower hardware from the bottom side of the truck and snug to prevent movement.

24. Reinstall Tailgate supports onto the tailgate (DSE Cables or factory support rods)



Install tailgate support

25. Begin aligning the fitment of the tailgate. Lightly close the tailgate and observe the panel alignment to bedside. Adjust trunnion base locations until you are satisfied with the panel alignment.
26. Final torque all fasteners to 15 ft lbs.
27. Reinstall rubber bumper removed in step 13.

Installation is complete

If you have any questions before or during the installation of this product, please contact
Detroit Speed at tech@detroitsspeed.com or 704.662.3272

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