



INSTALLATION INSTRUCTIONS

Part #CP4S4
2.5" Drop Spindle
1973-1987 GM 2wd Trucks C10

UMI Performance Inc,
509 Hemlock Street
Philipsburg, PA 16866
814-343-6315
support@umiperformance.com



Applications

1973-1987 GM 2wd trucks, Suburban, Blazer
1988-1991 GM Suburban/Blazer 2wd

Included Parts

Part #	Quantity	Description
CP4S4L	1	Drop Spindle Left - Satin Black Powdercoat
CP4S4R	1	Drop Spindle Right - Satin Black Powdercoat

Installation

1. Lift front of vehicle using your preferred method. Use a vehicle lift of jack and jack stands.
2. Remove wheels from vehicle to gain working access.
3. Support the lower control arm with a jack to keep the spring compressed.
4. Remove Caliper, Wheel Hub, Tie Rod, and balljoint nuts from spindle.
Tech Tip, Hitting the Spindle near the ball joint or tie rod end will loosen the tapered stud from the spindle.
5. Begin Installing the Drop Spindle, starting with the ball joints. Once the upper and lower ball joint are secured, you can remove the jack from supporting the lower control arm. The Castle Nuts are reusable, but it is recommended to replace the cotter pin.
6. Install the outer tie rod. The tie rod install from the top side of the spindle.
7. Remove the dust shield from you original spindles and reinstall onto the drop spindle.
8. Install the Wheel hub, then the brake caliper.
This drop spindle is designed for use with the 1.25" wide rotor and brake. 1981-1987 trucks have the option for a 1" rotor. Part #'s are provided to convert to the wider rotor if you vehicle was not originally equipped.
9. If brake line was removed from caliper, bleed air from the brake system before driving.
10. Reinstall Wheels and lower truck onto ground

11. If using factory lower control arm, turn the wheels left and right and check for clearance between the wheel and the lower control arm. It is common for 15" wheels to rub the front of the lower control arm near the ball joint.

If there is a clearance issue, the factory lower control arm can be clearance by removing some of the U shaped material on the front of the arm.

Clearance is adequate when the wheel can be turn full lock without the wheel contacting the control arm.

For example: Full turn to the right, the steering stop on the right side should contact before the wheel contacts the left side control arm.

Brake Hub Parts – Not Included

Part #	Manufacturer	Quantity	Description
18A2A	AC Delco	2	Brake Hub/Rotor – 1.25" wide
18FR640	AC Delco	1	Brake Caliper – Left Front 1.25" rotor
18FR639	AC Delco	1	Brake Caliper – Right Front 1.25" rotor
Set 5	Timken	2	Inner Wheel Bearing – 1.375" I.D.
Set 3	Timken	2	Outer Wheel Bearing - 0.850" I.D.
8871	Timken	2	Inner Bearing Seal

These part #s can also be cross-referenced to any preferred brand.

UMI Performance
CP4S4
 2.5" Drop Spindle

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Proudly made in the U.S.A

Warranty Information

UMI Performance warrants all UMI Performance products for a period of two (2) years from the original date of purchase.

This warranty is valid against defects in materials and workmanship for the two (2) year warranty period. It is not valid against defect resulting from, but not limited to: Misuse and/or abuse, neglect or accident, Exceeding the item design limits, Improper installation. Acts of God, including lightning, floods, earthquakes, fire or high winds. Damage in handling, including damage encountered during shipment.

This warranty is valid for the original purchaser of the UMI Product. Warranty is not transferable or valid for second ownership.

This warranty shall be considered void if the warranted product is in any way altered, adjusted, tampered with or defaced.

The two (2) year warranty does not apply to normal wear and tear (the gradual deterioration of an asset which results naturally from use and/or age, i.e. bearings, bushings, etc.).

Non UMI manufactured parts are not covered or valid under this UMI Performance warranty. UMI Performance cannot guarantee compatibility or performance of its products with other components used in conjunction with UMI Performance products.

UMI Performance cannot assume responsibility for any damages to UMI Products nor for claims for personal injury or property damage resulting from the use of UMI Performance products or the improper operation thereof or consequential damages arising from the products or use of the products.

UMI Performance two (2) year warranty excludes incidental charges incurred by the end user in the event of breakage (towing, labor, installation, etc.). By their very nature, competition suspension parts are continuously expected to exceed to their limits (either by race or road use). UMI suspension components are designed to withstand intense race conditions, although it is impossible to control the quality of installation or the varying conditions in which they are used.

This warranty supersedes all other warranties and may only be modified by statement in writing, signed by UMI Performance owners/principals.

All Warranties implied by law, including the warranties of merchantability and fitness for a particular purpose, are hereby limited to the warranty period herein and shall expire at the end of such period.