

INSTRUCTIONS

916-31985

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Please Read Instructions Completely Before Starting Your Installation

This kit installs '79-'93 Ford F-100/F-150 or equivalent rotors and
'71-'87 GM ½ Ton truck or equivalent calipers on 1957-1964 Ford F-100 spindles.

PARTS LIST

INDEX	DESCRIPTION	PART #	QTY
1*	Caliper bracket		2
2*	½"-20 x 2-1/4" GR 8 hex bolt		4
3*	½"-20 x 2-1/2" GR 8 hex bolt		2
4*	½"-20 x 2-3/4" GR 8 hex bolt		2
5*	½"-20 lock nut		8
6*	Spacer .875 OD x .500 ID x .450		4
7	Seal	912-S18580	2
8	Inner bearing cone	912-TL68149	2
9	Inner bearing cup	Supplied in rotor	2
10	73-93 Ford F-100 rotor	910-31068	2
11	Outer bearing cup	912-TLM11910	2
12	Outer bearing cone	912-TLM11949	2
13*	Spindle washer		2
14*	Spindle nut		2
15*	Cotter pin		2
16	Dust cap pr	550-2492	1
17	Brake pad set	919-3382	1
18	71-76 Impala caliper left	910-31044-L	1
18	71-76 Impala caliper right	910-31044-R	1
19	Slide bolt	835-2300542	4

* Basic kit only

Warning: The selection and installation of brake components should only be done by personnel experienced in the proper installation and operation of braking systems. The installer must use his/her own discretion to determine the suitability of the brake components and brake kits for every particular application.

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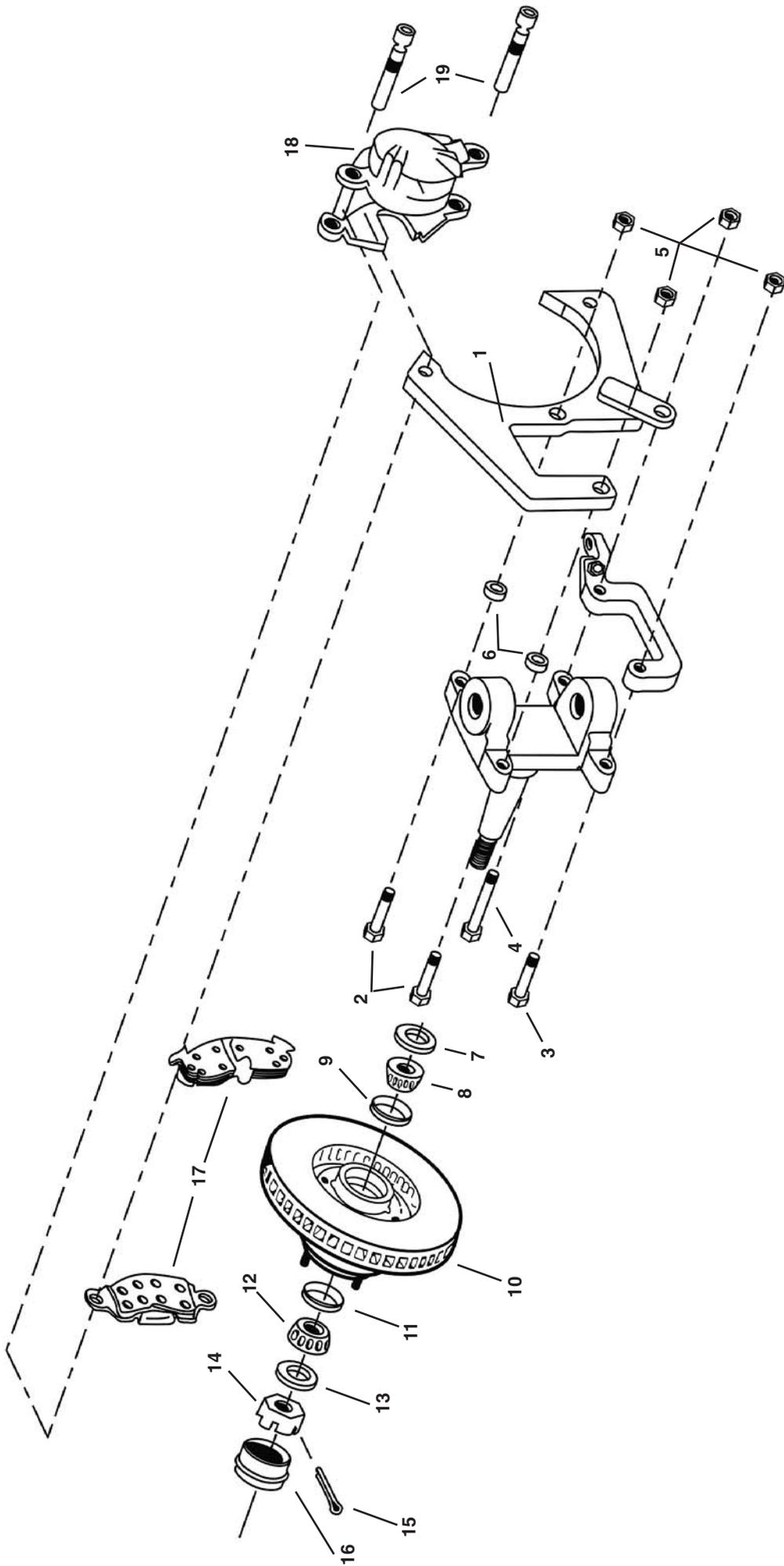


Using the parts list supplied double check that you received all the parts in this kit. If there are any missing parts, please contact the customer service department.

We recommend the use of all new or remanufactured components for this installation. If you are using any used components, it is the installers responsibly to determine the acceptably of the parts.

NOTE: Before beginning your installation make sure your wheels will clear the disc brake rotors. The rotors in this kit are 11-3/4" in diameter and will only work with 15" wheels or larger

1. Remove your drums and backing plates from your spindles and inspect the bearing surfaces on the spindles for wear or damage. Repair or replace as necessary.
2. Install the caliper brackets (#1) onto your spindles. **NOTE:** On some applications it may be necessary to drill out the lower spindle mounting holes from 7/16" to 1/2". The brackets mount to the back side of the spindle (the axle side) and the calipers mount to the rear. Use the 1/2"-20 x 2-1/4" GR 8 bolts (#2); lock nuts (#5) and spacers (#6) on the two upper mounting holes on the spindle. The spacers mount between the spindle and caliper bracket. Install the bolts from the rotor side of the spindle. Use the 1/2"-20 x 2-3/4" GR 8 bolts (#4) and lock nuts (#5) to mount the lower caliper bracket mounting hole to the spindle. Use the remaining 1/2"-20 x 2-1/2" GR 8 bolts (#3) and lock nuts (#5) to mount the steering arm to the spindle. Torque to 119 ft. lbs.
3. Remove the stock outer bearing cup in your rotor and replace it with the outer bearing cup (#11) supplied. **NOTE:** The stock outer bearing cup will not work with this kit it must be replaced with the outer bearing cup supplied.
4. Pack and install the inner bearing (#8) with fresh disc brake bearing grease, and install the grease seal (#7). Seals must be installed straight; we recommend a seal installation tool for this installation.
5. Install the rotor (#10) on to the spindle, pack and install the outer bearing (#12). Install the spindle washer (#13) and spindle nut (#14). Adjust the bearing preload as normal and install the cotter pin (#15) and dust cap (#16).
6. Install the brake pads (#17) into the calipers (#18) and install the calipers onto the caliper brackets with the bleeders pointing up. Only use the correct GM mounting bolts (#19). On some GM calipers there is bump on the casting located next to the piston bore that may interfere with caliper mounting. In these cases the bump should be ground flush with the casting on the caliper.
7. Install new brake lines making sure you check that the lines have clearance through the entire suspension travel and turning radius. Bleed the system as normal.
9. Install the wheels and remove the jack stands. Turn the steering wheel lock to lock and again check for any contact with the brake lines. Before operating the vehicle test the brakes under controlled conditions. Make several stops in a safe area from low speeds gradually working up to operating speeds.



IMPORTANT

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