

INSTRUCTIONS

910-31949
COMPLETE KIT
916-31915
BRACKET KIT ONLY

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'55-'57 CHEVY SPINDLE '69-'72 11" GM MIDSIZE ROTORS '69-'77 GM MIDSIZE CALIPERS

**PLEASE READ INSTRUCTIONS COMPLETELY
BEFORE STARTING YOUR INSTALLATION!**

This kit fits '69-'72 11" GM midsize rotors and '69-'77 GM midsize calipers to your '55-'57 Chevy spindles.

NOTE: MAY NOT CLEAR SOME 14" WHEELS

Parts List

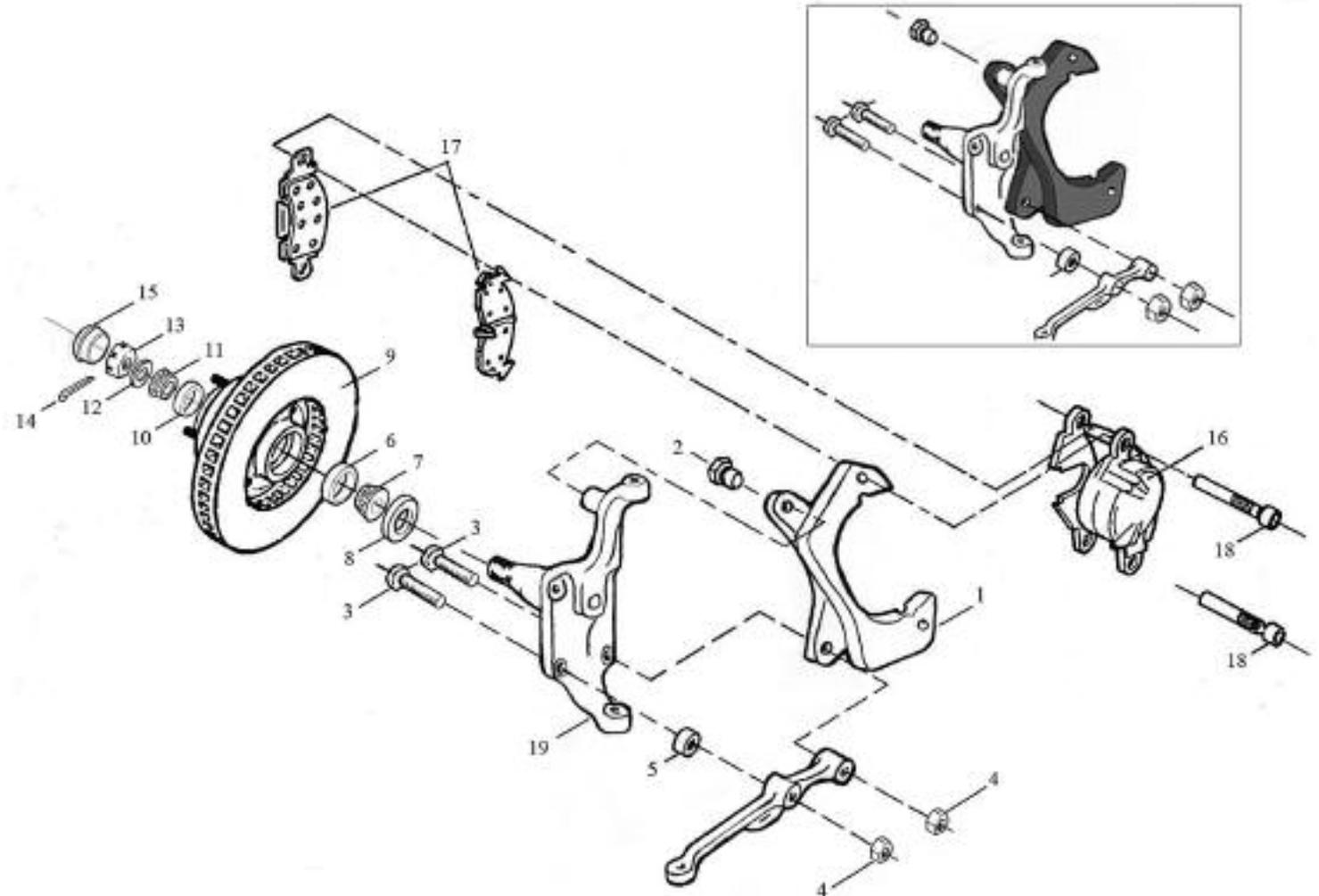
Index No.	Description	Part Number	Quantity
1 *	Caliper bracket (right)	916-31915R	1
1 *	Caliper bracket (left)	916-31915L	1
*	Hardware kit	916-31915-1	1
2	5/8"-18 x 1" GR 8 hex cap screw (with head cut down)	in hardware kit	2
3	7/16"- 20 x 2 1/2" GR 8 hex cap screw	in hardware kit	4
4	7/16"- 20 lock nuts	in hardware kit	4
5	1/4" thick spacers	in hardware kit	2
6	Inner bearing cup	Supplied in rotor	2
7	Inner bearing cone	912-TLM67048	2
8	Seal	912-S18543	2
9	69-72 GM 11" midsize rotors	910-65390	2
10	Supplied in rotor	Outer bearing cup	2
11	Outer bearing cone	912-TLM11910	2
12	Spindle washer	In spindle nut kit	2
13	Spindle nut	In spindle nut kit	2
14	Cotter pin	In spindle nut kit	2
15 **	Dust cap (pr)	910-31071	1
16	69-77 GM midsize caliper (left)	910-31035-L	1
	69-77 GM midsize caliper (right)	910-31035-R	1
17	Brake pads (set)	919-3382	1
18	Caliper bolts	835-2300542	4
19 **	Spindle		2
Other parts needed:			
**	Spindle nut kit (if needed)	910-616005	1
**	16" Stainless steel brake line kit	617-8562	1

* Bracket kit parts only

** Not included in kit

BRAKE INSTALLATION ALERT: 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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1. Using the parts list supplied, double check that you have received all the parts in the kit. If there are any missing parts, please contact our customer service department.
2. Remove the old brakes and backing plates. Clean and inspect the spindles.
3. Install the caliper bracket (#1) to the spindle, orienting it so the caliper will mount to the front side of the spindle. Install the special 5/8"-18 x 1" upper caliper bolt (#2) through the bracket and into the spindle. **NOTE:** Make sure you use thread locker on the threads. Install the 7/16-20 x 2 1/2" lower caliper bracket bolt (#3) through the spindle, caliper bracket and steering arm. Attach with the 7/16-20 lock nut (#4). Install the second 7/16-20 x 2 1/2" steering arm bolt through the spindle, adding the 1/4" spacer (#5) in between the spindle and the steering arm. Attach with the 7/16-20 locknut (#4). Torque the two lower 7/16" bolts to 25-37 ft. lbs. and the upper 5/8" bolt to 73-110 ft. lbs.

4. Temporally Install the inner bearing (#7), rotor (#9), outer bearing (#11), washer (#12) and spindle nut (#13). Do not pack the bearings at this time.
5. Adjust the bearing preload as normal. Mark spindle for location of cotter pin. Disassemble and drill a 5/32" hole in the spindle for cotter pin. Thoroughly clean to remove any metal shavings.
6. Pack and install the inner bearings (#7) with fresh disc brake bearing grease, and install the grease seals (#8). Seals must be installed straight. A seal installation tool works well for this.
7. Install the rotor on the spindle. Pack the outer bearing (#11) and install in the rotor, followed by the washer (#12) and the spindle nut (#13). Adjust the bearing preload as normal. Install the cotter pin (#14) and dust cap (#15).
8. Install the brake pads (#17) into the calipers (#16). Install the calipers into the caliper mounting brackets with the bleeders pointing up. Only use the correct GM mounting bolts (#18). Since the calipers mount to the front side of the spindle the right side caliper will mount on the left side and the left side caliper will mount to the right side.
9. Install new brake lines, making sure the lines have clearance through the entire suspension travel and turning radius. Bleed the system as normal.
10. Before operating the vehicle, test the brakes under controlled conditions. Make several stops in a safe area from low speeds and gradually work up to operating speeds.

IMPORTANT

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**Some items are not legal for sale or use in California on pollution controlled motor vehicles. These items are legal in California for racing vehicles only which may never be used upon a highway.



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