

INSTRUCTIONS

910-31944
COMPLETE KIT

916-31914
BRACKET KIT ONLY

11" BRAKE KIT FOR MUSTANG II SPINDLE (FORD ROTORS)

Speedway Motors, Inc. ©March 2007

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

Quickly and easily install '75-'80 Ford Granada rotors and '78-'88 GM metric calipers on your '74-'78 Mustang II, '74-'80 Pinto/Bobcat spindles.

Parts List

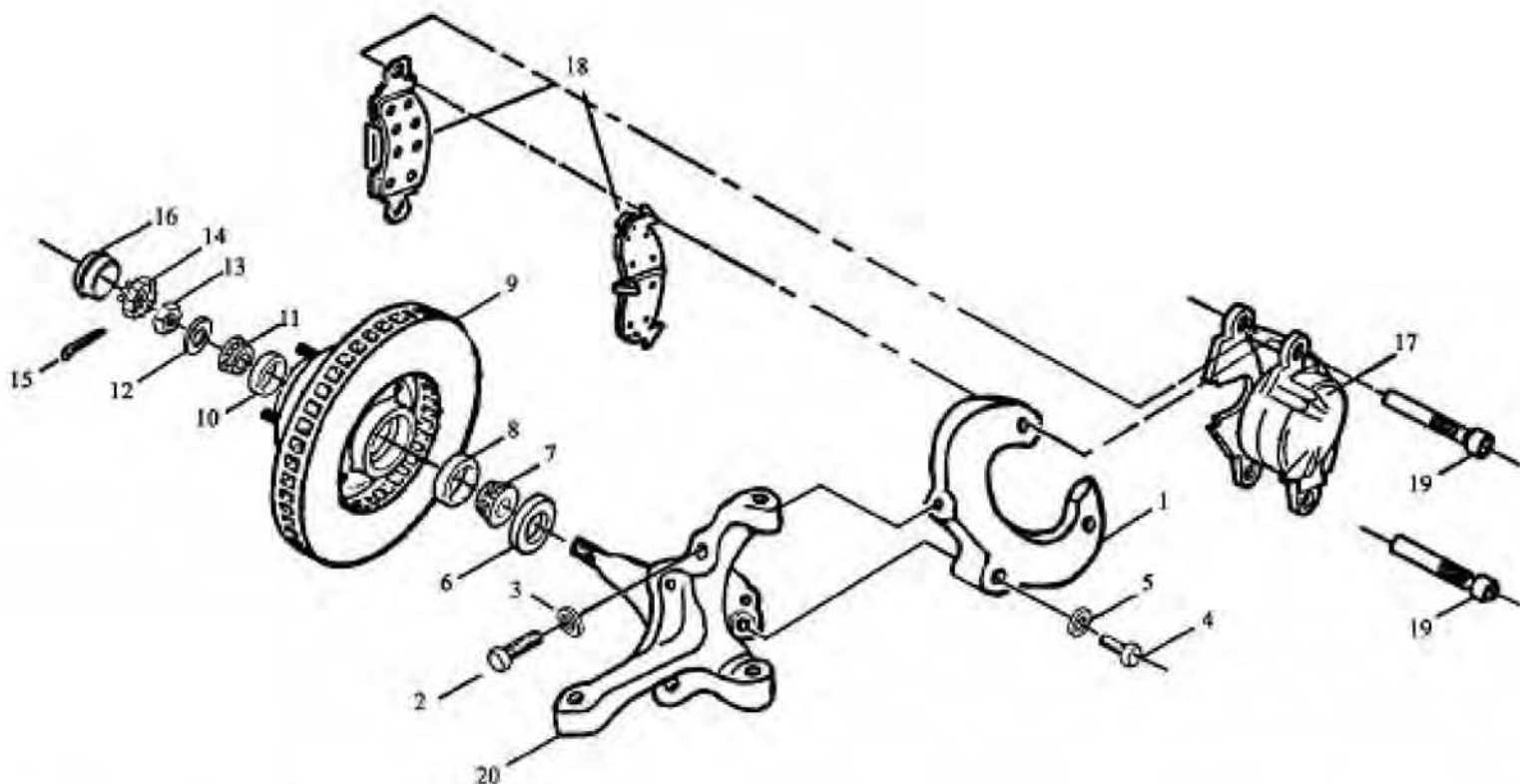
Index No.	Description	Part Number	Quantity
1*	Caliper bracket-L	916-31914 -L	1
1*	Caliper bracket-R	916-31914 -R	1
*	Hardware kit	916-31914-2	1
2	1/2"-13x2 1/4" GR 8 bolts	In hardware kit	2
3	1/2" lock washers	In hardware kit	2
4	7/16" -14x1 3/4" GR 8 bolts	In hardware kit	2
5	7/16" lock washers	In hardware kit	2
6	Seal	912-S19221	2
7	Inner bearing cone	912-TL68149	2
8	Inner bearing cup	912-TL68110	2
9	11" Ford Granada rotors	940-31070	2
10	Outer bearing cup	912-TLM12710	2
11	Outer cone	912-TLM12749	2
12	Spindle nut washer	In spindle nut kit	2
13	Spindle nut	In spindle nut kit	2
14	Spindle nut cage	In spindle nut kit	2
15	Cotter pin	In spindle nut kit	2
16	Dust Cap (pr)	910-31071	1
17	GM metric caliper (right)	910-31045-R	1
17	GM metric caliper (left)	910-31045-L	1
18	Brake pads (set)	910-3881	1
19	Caliper bolts	835-2300542	4
20**	Spindles (pr)	910-34307	1
Other Parts needed:			
	16" Stainless steel brake line kit (7/16-20 thread for Speedway calipers)	617-8562	1
	16" Stainless steel brake line kit (10mm-1.5 thread OEM calipers)	617-8561	1
**	Spindle nut kit	910-615074	1
**	Dust cap (pr)	910-31071	1

* bracket kit parts only

** not included

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 above, double check that you received all the parts in this kit. If there are any missing parts, please contact the customer service department.
2. Pack and install the inner bearings (#7) with fresh disc brake bearing grease and install the grease seal (#6). The seals must be installed straight. A seal installation tool works well for this.
3. Install the rotor (#9) on to the spindle. Pack and install the outer bearing (#11). Install the spindle washer (#12) and spindle nut (#13). Adjust the bearing preload as normal. Install the cotter pin (#15) and dust cap (#16). **NOTE:** The rotors on some brake kits may interfere with the end of the stock control arms. You can modify the end of the control arm for clearance by grinding or bending the outer lip over with a hammer.
4. Install the caliper bracket (#1) to the spindle. Thread the 1/2-13x2" GR 8 upper bolt (#2) through the spindle and into the caliper bracket (#1) leave hand tight. Thread the 7/16-14x1 1/4" GR 8 bolt (#4) through the bracket and into the spindle. If the caliper bracket is not parallel to the rotor, both brackets need to be switched. Once you determine you have the correct bracket, tighten both bolts making sure you use thread locker on the threads. Torque the 1/2" upper bolt to 38-57 ft.lbs. and the 7/16" lower bolt to 25-37 ft. lbs.
5. Install the brake pads (#18) into the calipers (#17) and install the calipers on to the mounting brackets (#1) with the bleeders pointing up. Only use the correct GM mounting bolts (#19).
6. Install new brake lines, making sure the lines have clearance through the entire suspension travel and turning radius. Bleed the system as normal.
7. 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.

NOTE: Some GM metric calipers have a small tab cast into the body that might interfere with the caliper bracket. This can be easily filed for clearance.

IMPORTANT

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