

INSTRUCTIONS

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

**910-34921 Spindle Kit Metric
910-34923 Spindle Kit Big GM
910-31992 Brake Kit Metric
910-31995 Brake Kit Big GM**

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The 910-34921 Spindle kit uses 79-81 GM Metric rotors and calipers or GM equivalent
The 910-34923 Spindle kit uses 79-81 GM Metric rotors and 69-77 GM midsize calipers or GM equivalent.
The 910-31942 Brake kit uses 79-81 GM Metric rotors and calipers or GM equivalent
The 910-31035 Brake kit uses 79-81 GM Metric rotors and 69-77 GM midsize calipers or GM equivalent.

PARTS LIST

Spindle kit: 910-34921 Metric & 910-34923 Big GM

Index no.	Description.....	Part number	Qty.
1	2" dropped spindles	910-34925	1pr.
2	Steering arms	Customer supplied	1pr.
3	Caliper brackets for Metric caliper (kit 910-34921)	910-34927	1pr.
4	Caliper brackets for Midsize caliper (kit 910-34923).....	910-34929	1pr.
	Hardware kit.....	910-31997	1
5	7/16"-20 x 1" Gr 8 Hex bolts	HZ8-HCSF-.44-1.00	4
6	7/16"-20 x 1-1/2" Gr 8 Hex bolts	HZ8-HCSF-.44-1.50	2
7	7/16"-20 x 2" Gr 8 Hex bolts	HZ8-HCSF-.44-2.00	2
8	7/16" lock washers.....	HZ8-LW-.44	8

Brake kit: 910-31992 Metric & 910-31995 Big GM

Index no.	Description.....	Part number	Qty.
9	Grease seal	912-S19753	2
10	Inner bearing cone.....	912-TLM67048	2
11	Inner race	supplied in rotor	2
12	79-81 GM rotor	910-31081	2
13	Outer race.....	supplied in rotor	2
14	Outer bearing cone.....	912-TM12649	2
	Spindle nut kit.....	910-616005	1
15	Spindle washer	in spindle nut kit	2
16	Spindle nut.....	in spindle nut kit	2
17	cotter pin.....	in spindle nut kit	2
18	Dust caps pr.....	550-2487	1
19	Metric GM brake pad set (kit 910-91992)	919-3381	1
19	Midsize GM brake pad set (kit 910-31995).....	919-3382	1
20	79-81 GM Metric left caliper (kit 910-91992)	910-31045-L	1
20	79-81 GM Metric right caliper (kit 910-91992)	910-31045-R	1
20	69-77 Midsize GM left caliper (kit 910-31995)	910-31035-L	1
20	69-77 Midsize GM right caliper (kit 901-31995).....	910-31035-R	1
21	Slide bolt GM caliper.....	835-2300542	4

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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. Speedway Motors, Inc. makes no warranties. Either expressed or implied, including any warranty of merchantability of fitness for a particular purpose, other than those contained in its current catalog or website with respect to the goods identified on the face of the invoice. There is no warranty expressed or implied as to whether the goods sold hereby will protect the purchaser or ultimate user of such goods from injury or death.

Spindle Kit Installation

1. Support your car on sturdy jack stands and remove the wheels and brake drums. Un-bolt the steering arms from the spindles leaving the tie rod ends attached.
2. Place a floor jack under the lower control arm and raise it up. Remove the cotter pins and loosen the ball joint nuts but do not completely remove them. Separate the ball joints from the spindle using a ball joint separator. Remove the nuts and the spindles.
3. Place the new 2" dropped spindles (#1) over the ball joint studs. Install the castle nuts, tighten and install the cotter pin.
4. Install the steering arms (#2) onto the new spindles using the two 7/16"-20 x 1-1/2" (#6) and the two 7/16"-20 x 2" (#7) GR 8 bolts and lock washers (#8). Torque the bolts to 60 ft. lbs. making sure to use loctite on the threads.
5. Install the caliper brackets (#3 or 4#) onto the spindle using the 7/16"-20 x 1" GR 8 bolts (#5) and lock washers (#8). The bracket mounts to the rear of the spindle. Torque the bolts to 60 ft. lbs. making sure to use loctite on the threads.

Disc Brake Installation

6. Pack and install the inner bearing (# 10) with fresh disc brake bearing grease, and install the grease seal (#9). Seals must be installed straight. A seal installation tool works well for this.
7. Install the rotor (#12) on to the spindle (#1). Pack and install the outer bearing (#14) and install in rotor, followed by the spindle washer (#15) and spindle nut (#16). Adjust the bearing preload as normal. Install the cotter pin (#17) and dust cap (#18).
8. Install the brake pads (# 19) into the calipers (#20) and mount the calipers onto the mounting brackets with the bleeders pointing up. Only use the correct mounting bolts (#21).
9. Run the suspension through its full travel up and down and lock to lock checking for any brake line interference. Also check for any spindle to control arm interference. If there is any interference slight grinding of the control arms may be required.
10. Install new brake lines and bleed the brakes. Speedway Motors can supply the rubber brake lines part number 617-8568
11. 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

DISCLAIMER

In an effort to offer our customers the low prices, quick service and great value, Speedway Motors reserves the right to change suppliers, specifications, colors, prices, materials. Each of the previous items is subject to change without notice. Speedway is not responsible for any typographical errors or misinterpretations. Quantities are limited on some items.

WARRANTY DISCLAIMER

The purchaser understands and recognizes that racing parts, specialized street rod equipment, and all parts and services sold by Speedway Motors, Inc. are exposed to many and varied conditions due to the manner in which they are installed and used. Speedway Motors, Inc. makes no warranties, either express or implied, including any warranty of merchantability or fitness for a particular purpose other than those contained in its current catalog with respect to the goods identified on the face of the invoice. There is no warranty expressed or implied as to whether the goods sold hereby will protect purchaser or ultimate user of such goods from injury or death. Speedway Motors assumes no liability after this period.

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 all brake components and brake kits for every particular application. Speedway Motors, Inc. makes no warranties either expressed or implied including any warranty of merchantability or fitness for a particular purpose, other than those contained in its current catalog or website with respect to the goods identified on the face of the invoice, There is no warranty expressed or implied as to whether the goods sold hereby will protect the purchaser or ultimate user of such goods from injury of death.

DAMAGE CLAIMS

Always inspect your package upon delivery. Inspect all packages in the presence of the delivery driver. The driver must note any damage. Ask the driver the Carrier's procedures for handling damage claims. You must hold the original box, packing material and damaged merchandise for inspection or the carrier will not honor the claim. Notify Speedway Motors customer service department for instructions on returning damaged goods. Speedway is not responsible if no notification is given within 5 days of receipt.

SHORTAGES

Always check the contents of your delivery to insure all the parts that you ordered were received. Please read the invoice. Double check all packing materials, small items may be wrapped inside with these products. Shortages may occur from damage to the box, so save all packing materials. Inspect the box for holes that would allow parts to fall out. If you are missing any item(s) be sure to check your invoice for back orders or canceled items before calling the customer service department. If Speedway has to split a shipment into multiple boxes, packages may be delivered on different days. You need to contact the customer service department within 5 days of delivery to assure the prompt replacement. Speedway Motors assumes no liability after this period.

REFUSALS

All refused COD customers will be billed a 15% restocking charge plus freight to and from the destination! If you have questions please contact Speedway's customer service department.

WARRANTY CLAIMS

If an item has a manufacturer's warranty as being free from defects we will exchange only. If the item has been used and you are requesting warranty work, this may take up to 30 days as warranty work is done by the manufacturer NOT Speedway Motors.

If you have any questions please contact customer service.

RETURNS

Speedway wants you to be satisfied with your purchase. If within 30 days after you receive your shipment you are not satisfied, you may return the item for refund or exchange. All exchanged or returned merchandise must be in original factory condition with no modifications or alterations. Returned merchandise must include all packaging materials, warranty cards, manuals, and accessories. If the items being returned need to be repackaged there will be a re-packing charge. Re-pack the item in a sturdy box and include a copy of your invoice and complete the form on the back of the invoice. You must ship orders back **PRE-PAID. WE DO NOT ACCEPT COD SHIPMENTS.** All exchanges need to have reshipping charges included. Items that are returned after 30 days are subject to 15% restocking charges. All fiberglass returned will have 15% restocking charge. No returns on electrical parts, video tapes, and books. Absolutely no returns on special order or close out merchandise.

FREE CATALOGS

Speedway Motors offers FREE catalogs for Race, Street, Sprint and Midget, Sport Compact and Pedal Car Restoration.

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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