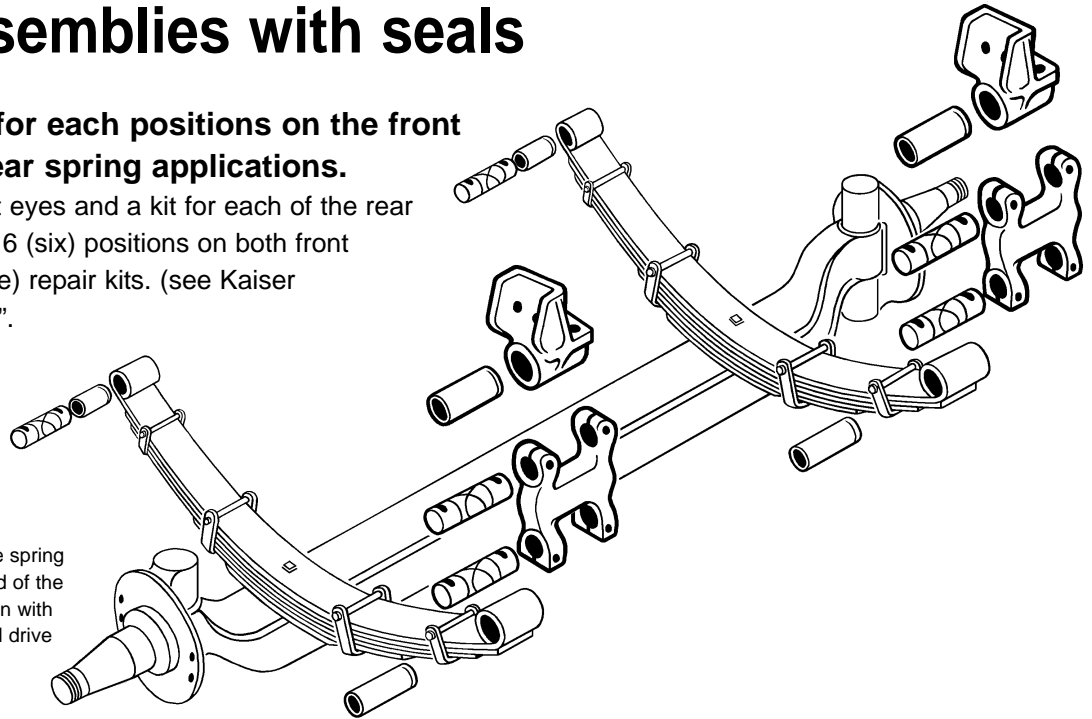


KAISER QwikKit™ NO REAM INSTALLATION

This kit has 2 Grease grooved pins and 2 no-ream bushing assemblies with seals

There is a repair kit for each positions on the front springs and some rear spring applications.

One kit will repair the front eyes and a kit for each of the rear shackles. The repair of all 6 (six) positions on both front springs will require 3 (three) repair kits. (see Kaiser "Cross Reference Catalog".



PREPARATION

1. It is not necessary to remove the spring from the vehicle. Repairing one end of the spring at a time will keep its position with the hanger. Remove spring pin and drive out old bushing. Inspect and clean spring eye.

2. Remove grit, dirt and burrs

KAISER INSTALLATION

3. Wipe small amount of grease in the spring eye. Start the bushing assembly into the eye by hand. Drive the bushing assembly into the eye until centered in the bore using a drive adapter with an impact hammer or hand drive arbor.

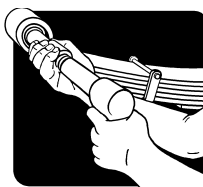
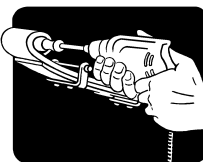
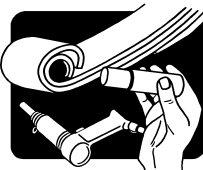
4. Test the pin in the bushing. Pin should pass through with some resistance from the seals.

IF THE PIN DOESN'T GO THROUGH BUSHING, DO NOT FORCE IT.

Remove pin and drive the bushing assembly out. Remove the obstruction with emery cloth, rotary file or similar tool and repeat steps 3. and 4..

COMPLETING ASSEMBLY

5. Raise spring up to hanger. Use alignment pins to position spring eye in the hanger. Place short pin in the backside of the hanger until it is in the spring eye. Tap the long pin into the hanger opposite the short pin.



5. continued

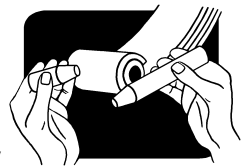
Drive the long pin in until it is flush with the hanger. Place the spring pin behind the long alignment pin. Drive the spring pin into the eye until it lines up with the hanger. Finish the assembly using normal installation procedures.

NOTE: markings on the end of the pin are parallel with the lock flats on the pin to help with alignment.

GREASING

6. The Kaiser grease grooved pin and bushing provides more lubrication in the spring eye. Apply grease until it appears at each end of the bushing assembly between the spring and the hanger. Kaiser grooved spring pins will take grease every time without additional work while using normal maintenance procedures.

CAUTION: Grease must appear at each end of the spring for proper lubrication. The seals in each end of the bushing assembly will not function if torn. The pin may have to be removed for inspection. See your local distributor for damaged seal replacement.



WARRANTY:

V.W. Kaiser Engineering, Inc. warrants the parts contained in Kaiser products* to be free from defects in material and workmanship, under normal use and maintenance for a period of one year. This warranty shall be limited to replacing or allowing credit for the parts contained in the Kaiser products* provided that notice of defects and proof is promptly given. This warranty does not apply to damage or to defects in any parts contained in the Kaiser products* caused by misuse, neglect, accident, incorrect installation, alteration or repair. THIS WARRANTY, AND THE MANUFACTURER'S OBLIGATION HEREUNDER IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING SPECIAL OR CONSEQUENTIAL DAMAGES.

WARRANTY CLAIMS:

The following procedure applies under this warranty: All parts under warranty must be returned to the seller (authorized distributor). The seller returns the parts in question with a complete history along with information of the vehicle from which the parts were removed, prepaid, to V.W. Kaiser Engineering, Inc., 4641 Industrial Drive, Millington, Michigan, 48746, for SERVICE ANALYSIS. Items approved as defective under terms of the warranty will be replaced. All claims will receive a SERVICE ANALYSIS report.

*Kaiser products consist of Qwik Kit™ and Kaiser PLUS™

Call for assistance:

Business hours: 8:00 A.M. to 5:00 P.M. EST. Call will be answered direct by technical service people. After hours: Place message on answering machine. Calls will be returned next working day or sooner.

CUSTOMER SERVICE: 888-854-6474 (888-8KingPin)

▲ WARNING

WARNING: During removal and installation procedures, never use steel hammer or tool to strike hardened metal parts, i.e. King Pin. Failure to heed warning could crack or shatter part, creating a risk of personal injury to the servicing technician and/or component damage which may jeopardize the safety of the vehicle user. For proper removal and installation procedures, refer to axle manufacturer's service literature.

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