

REPLACING WELDED SPINDLE WITH CAST SPINDLE KITS 2-40569 (left) OR 2-40570 (right)

DATE: 20 Sept 2013

Models Affected: All Hydraulic Brake Models prior to Serial Number 58208

Description of Action: To replace old model welded steel spindle boxes with the new cast spindles.

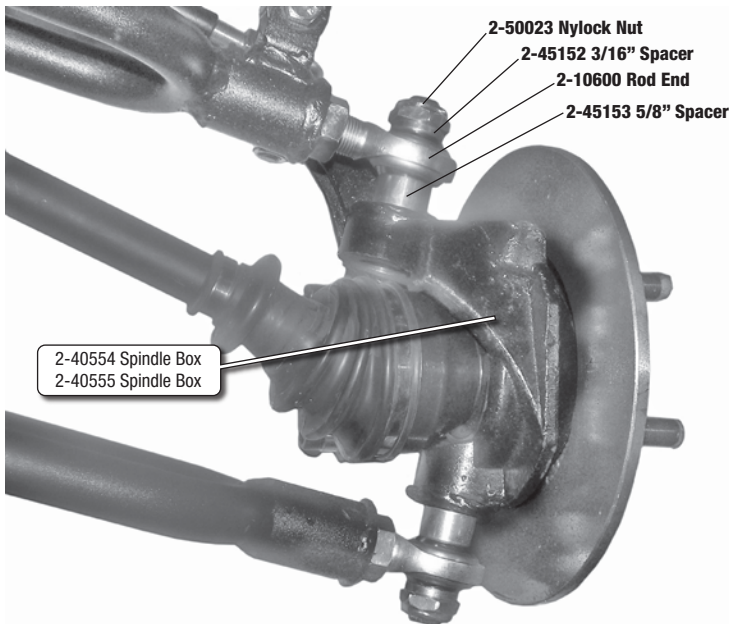
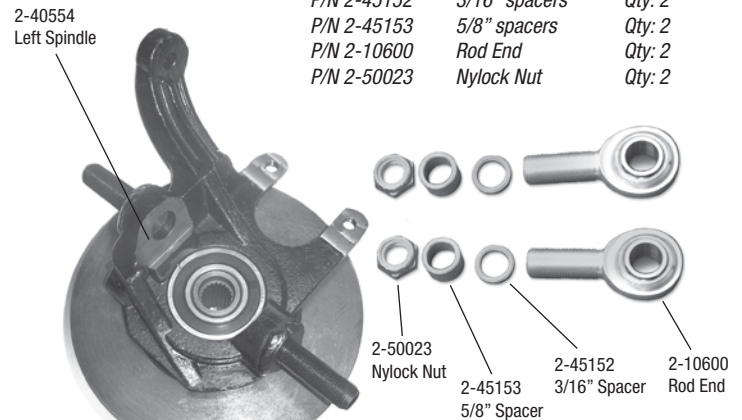
Solution: The new cast spindles have 3/4" bolts integral to the casting. The rod ends are secured by a 2-50023 Nylock Nut. Spacers are used as illustrated below.
Note: The 2-45152 spacer 3/16" in thickness must install adjacent to the Nylock Nut.

Procedure: To implement this replacement:

- 1** The wheel and existing spindle box is removed
- 2** Remove existing caliper. The existing studded rod end is removed from the A-Arm and replaced with the 2-10600
- 3** The cast spindle has been supplied with bearings and rotor pre-installed and is a direct replacement
- 4** The 2-45152 spacer must be installed adjacent to the nut. The proper assembly is illustrated as below

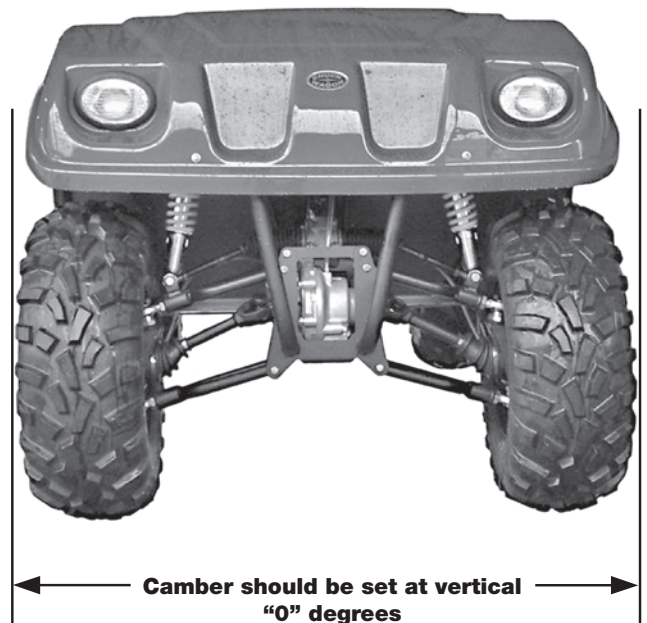
As illustrated below, this kit consists of:

(Kit # 2-40569)	P/N 2-40554	Left Spindle	Qty:1
(Kit # 2-40570)	P/N 2-40555	Right Spindle	Qty:1
	P/N 2-45152	3/16" spacers	Qty: 2
	P/N 2-45153	5/8" spacers	Qty: 2
	P/N 2-10600	Rod End	Qty: 2
	P/N 2-50023	Nylock Nut	Qty: 2



Note:

1. As the rod ends are replaced, an effort should be made to install the replacement rod ends as close as possible to the same adjustment as the rod ends that were removed. This can be approximated by counting turns when removing the existing rod end and installing the replacement rod end a like number of turns. The adjustment of the rod ends affects the camber and the toe.
2. Correct camber is set at zero degrees, as illustrated below. This is easily adjusted with the setting of the steering rod ends. Toe should also be inspected after installation to ensure that the toe is set to 0°. Toe is adjusted with the steering rod ends.



Toe is properly adjusted with the vehicle on the ground.