



INDEPENDENT FRONT SUSPENSIONS

SERVICE BULLETIN



Spider Bolts on (IFS) Independent Front Suspensions

Holland USA Part Number: 90546687

May 28, 2002

The purpose of this bulletin is to notify you that a potential customer satisfaction issue may exist with the Holland IFS suspension on your Country Coach and National RV vehicles. The bolts that mount the brake assemblies to the front right and left spindle assemblies may not have been tightened to the manufacturer's specified torque values.

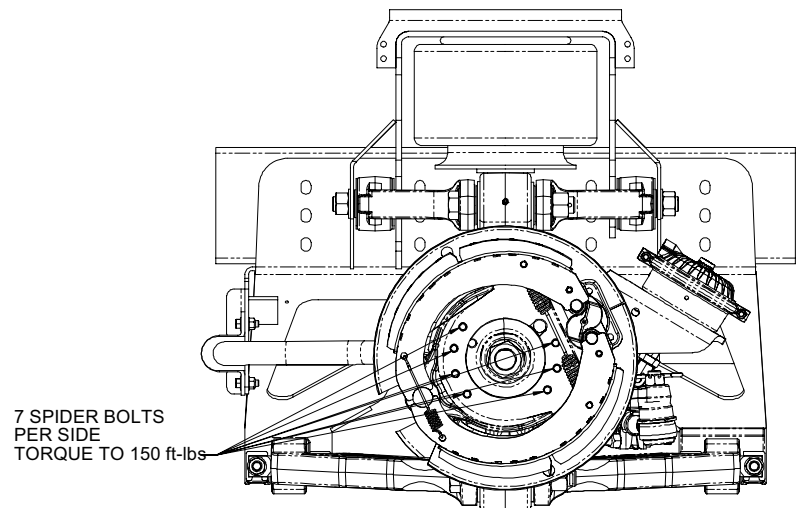
If these bolts, referred to as Spider Bolts, were not tightened to the proper torque values they could become loose over time and possibly make a rattling noise. Holland does not believe that this condition will affect the ability of the vehicle to brake or otherwise relates to motor vehicle safety.

Country Coach and National RV vehicles that may be affected were manufactured between 10/08/02 and 4/04/03. See the attached listing of suspension numbers.

Holland USA recommends that all 14 Spider Bolts (7 on each side, see illustration at right) should be checked for proper torque with a torque wrench. The "Work Instructions", including labor reimbursement are found on page 2 of this document and should be completed at the earliest opportunity.

Holland USA regrets any inconvenience this may cause, but we hope you understand our commitment to customer satisfaction.

Should you require any further assistance please contact Holland USA's Customer Service at 1-888-396-6501



WORK INSTRUCTIONS

(Spider Bolt Torque)

Remove:

- lug nuts
- drain spindle oil
- bolts from oil seal cap
- oil seal cap
- spindle nut cotter pin
- spindle nut
- outside wheel bearing and washer
- brake drum with oil seal

Torque:

- spider bolts to specified torque (150 ft-lbs) in alternating sequence

Inspect:

- oil seal for damage (replace if damaged)

Reinstall Removed:

- Brake drum with oil seal

CAUTION

During installation, the brake drum with oil seal should be supported so that the weight of the brake drum does not rest against the oil seal which may cause deformation or damage and may result in a leaking seal.

- outside wheel bearing and washer
- spindle nut

Set wheel end play

- Torque spindle nut to 200 ft-lbs while rotating wheel
- Loosen spindle nut 1 turn
- Torque spindle nut to 50 ft-lbs while rotating wheel
- Loosen spindle nut 1/6 to 1/4 turn
- Check wheel end play with dial indicator (s/b 0.001" – 0.005")
- Adjust spindle nut, if necessary, for specified wheel end play
- Reinstall Removed:
 - new spindle nut cotter pin
 - oil seal cap
 - oil seal cap bolts
 - replenish spindle oil
 - lug nuts

Torque:

- oil seal cap bolts (25 ft-lbs) in alternating sequence

Reimbursement

Submit invoices to Becky Horning @ Holland USA – P.O. Box 425 – Muskegon, MI 49443 with the following information:

- Reference Program #403542 when invoicing and/or any inquires
- Full vehicle numbers
- Up to 2 hours of labor per unit
- Miscellaneous supplies used (oil and/or oil seal if damaged)



GO THE DISTANCE.

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