

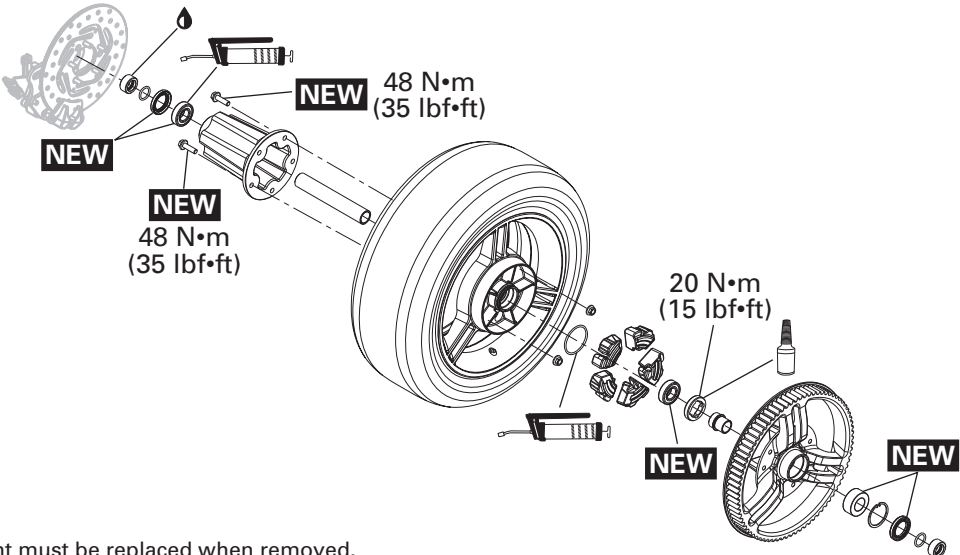
March 5, 2012

Subject: **Spyder Rear Wheel Bearing Installation**
New Procedure




No. **2012-6**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2012	All	All	All

On all 2012 models, the rear wheel bearings are now pressed in the wheel and hub.



NEW = Component must be replaced when removed.

	XPS 4-STROKE SYNTH. BLEND OIL (SUMMER) (P/N 293 600 121)
	XPS SYNTHETIC GREASE (P/N 293 550 010)
	LOCTITE 243 (BLUE) (P/N 293 800 060)
NEW	NEW = Component must be replaced when removed

PROCEDURE

A short animation is available on BOSSWeb and Knowledge Center. Find the following file:

- 2012-6 Spyder Rear Wheel Bearing Installation New Procedure (video).

Bearing Removal


Refer to the appropriate Shop Manual.

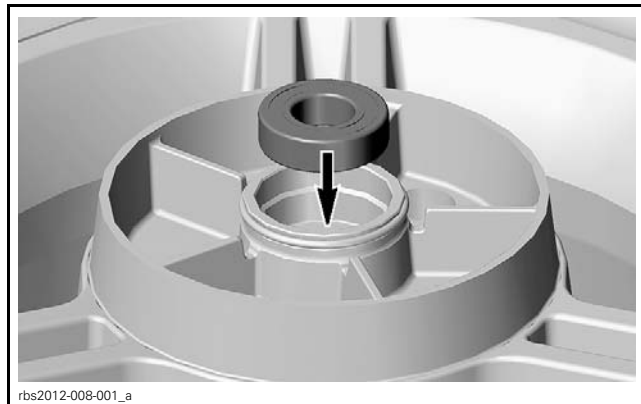
Bearing Installation

NOTICE Strictly adhere to this installation procedure to avoid bearing damage.

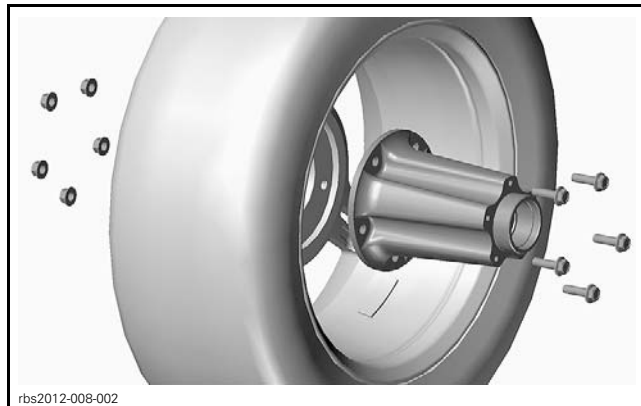
NOTE: This procedure can also be used for previous models.

1. Press the LH bearing in the wheel.

REQUIRED TOOL*	
REAR WHEEL BEARING PUSHER (P/N 529 036 246) (One required)	
*This new service tool is now being auto-shipped.	

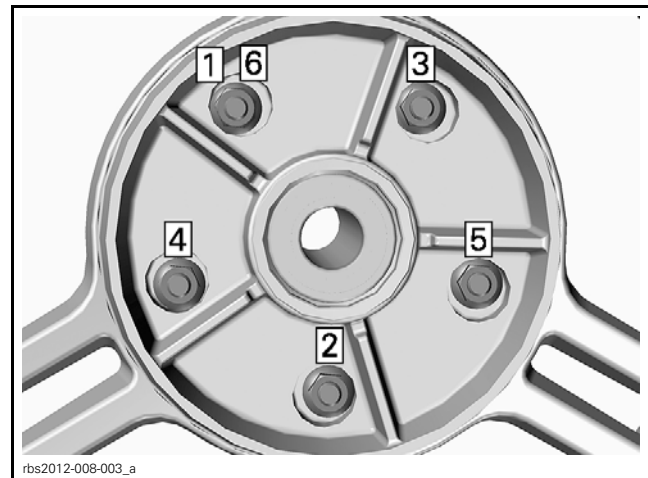


2. Install the wheel hub on the wheel.



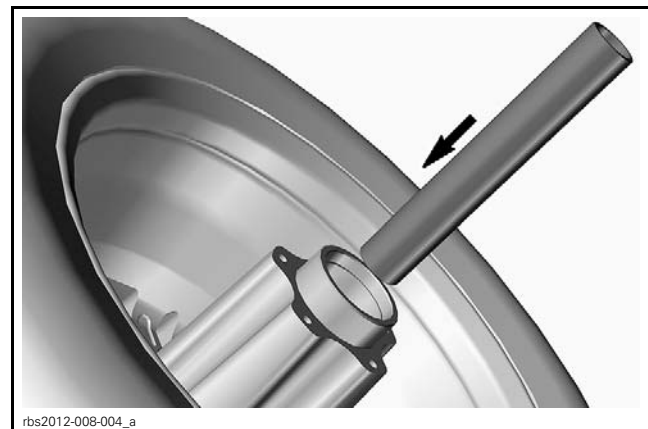
3. Tighten as follows.

TIGHTENING TORQUE	
Wheel hub bolts	48 N•m (35 lbf•ft)




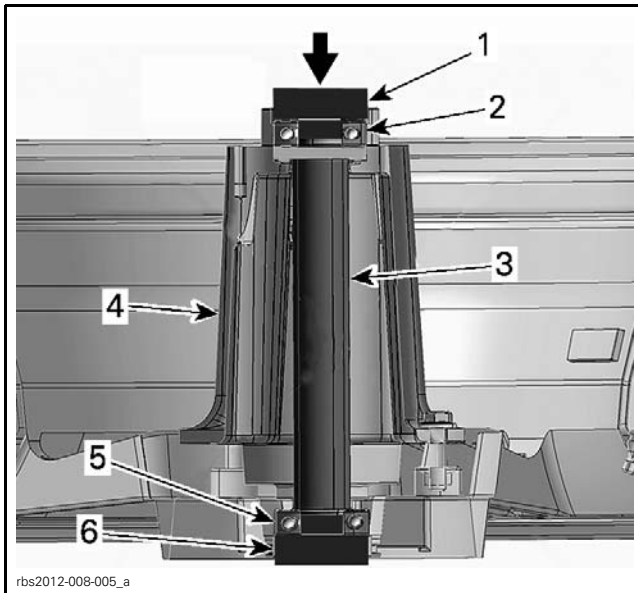
HUB BOLTS TIGHTENING SEQUENCE

4. Insert the spacer in the hub until it contacts the bearing inner race.



5. Press the RH bearing in the hub.
 - 5.1 Apply a thin layer of XPS SYNTHETIC GREASE (P/N 293 550 010) all around the bearing outer race.
 - 5.2 Install the assembly on the press as shown
 - 5.3 Push bearing until the spacer comes in contact with each bearing inner race.

REQUIRED TOOLS	
REAR WHEEL BEARING PUSHER (P/N 529 036 246) (Both required)	



CUTAWAY VIEW

1. Bearing pusher pushing on the RH bearing (in hub)
2. RH bearing
3. Spacer
4. Hub
5. LH bearing (in wheel)
6. Bearing pusher supporting the LH bearing

NOTICE Bearing pushers must be in good condition and remain in contact with outer and inner bearing races while pressing.