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## 2015-2024 Scout Drive Belt Inspection and Tension Adjustment

### Indian Scout Drive Belt Inspection and Tension Adjustment - Indian Motorcycle



Required Tools and Supplies	
Shop Rags	Belt Tension Tool or 10-Pound Weight
Measurement Tools	Marking Tool
27mm and 1/2-Inch Sockets	Ratchet
27mm Wrench	Torque Wrench
Breaker Bar	Safety Glasses and Nitrile Gloves

Always wear safety glasses and nitrile gloves when servicing your Indian Motorcycle.

To inspect and adjust the drive belt tension on your Indian Scout, Scout Sixty, Scout Bobber, Scout Bobber Twenty or Scout Rogue, follow these steps:

1. Park the bike on a flat, level surface and allow it to cool completely.
2. Lift the motorcycle according to your [Owner's Manual](#) guidelines and elevate the rear wheel. The motorcycle must be stable before proceeding.

3. Ensure the motorcycle is in NEUTRAL.
  4. Inspect the drive belt for damage and wear. Refer to your [Owner's Manual](#) for belt wear analysis. If inspection reveals a need for replacement, see your authorized Indian Motorcycle Dealer.
  5. Check and record the belt deflection, applying 10 pounds of force. Ensure the belt is dry before measuring. Locking the tape measurer will make it easier to maintain consistent measurements.
    - Using the tire valve stem as a reference, measure at three additional points 90 degrees apart on the tire. The tightest point or smallest measurement should be 12mm (15/32 or .472 inches) at 10 pounds of force.
    - If adjustment is needed, rotate the wheel counter-clockwise and mark the tightest measurement point on the tire for reference.
  6. Also mark the current adjuster locations on both sides of the rear wheel for reference.
  7. Loosen but do not remove the axle nut with a 27mm wrench.
  8. Then **torque** the axle bolt to 15 ft-lbs (20 Nm) with a 27mm socket.
  9. Turn the left-side adjuster nut with a 1/2-inch socket to achieve proper belt tension.
  10. When the belt tension is correct, rotate the wheel backward to view belt alignment.
  11. If adjustment is necessary, use only the right-side adjuster to minimize changes in belt tension. Be sure to keep the axle seated forward against the axle adjusters during this procedure.
  12. While rotating the wheel backward, tighten the right-side adjuster nut until the drive belt is centered in the driven pulley. Sprocket teeth should be visible on both sides of the drive belt.
  13. Once the desired setting is achieved, rotate the wheel forward and verify the sprocket teeth are still visible on both sides of the drive belt.
  14. If necessary, revert back to the initial settings and repeat this process as needed.
  15. Re-check drive belt tension to verify it is still within specification. Improper tension or alignment can cause drive line noise and damage the drive belt.
  16. **Torque** the rear axle bolt to 65 ft-lbs (88 Nm).
  17. Pump the rear brake pedal several times to reset brake pad distance.
  18. Verify that when the brake pedal is released, the wheel rotates smoothly and freely, without drag.
  19. Finish by safely lowering your motorcycle to the ground. Refer to your [Owner's Manual](#) for helpful hints and techniques.
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For more information, see your authorized Indian Motorcycle Dealer. Find a dealer near you with the [Dealer Locator](#).

Maintenance tips, procedures and specifications can be found in your [Owner's Manual](#).

To find diagrams and replacement part numbers, use the [online parts catalog](#).

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- No, What are the next steps?
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- Other

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