



52105

MODEL NUMBER

FORD AIRBAG STEERING WHEEL REPLACEMENT PROCEDURES

Congratulations on the purchase of your new **GRANT REVOLUTION** steering wheel. This wheel is a direct replacement for your original factory steering wheel with or without spoke mounted control switches. The original airbag (SIR) module, wiring harness, trim/switches and rear shroud from the factory wheel must be removed and transferred to the new **GRANT** wheel.

This wheel will fit the following vehicles:

1997-2004 F150 Pickup, F-250 Light Duty On Heritage cruise control only

1999-2007 F250 Super Duty Trucks with cruise control only

1997-2002 Expedition with cruise control only

IMPORTANT - PLEASE READ

These **GRANT** Instructions use the factory shop manual procedures for the removal and reinstallation of the steering wheel and airbag module. In addition the **GRANT** instructions include step-by- step procedures for the changeover of the switches, wiring and trim pieces from the factory wheel to the **Grant** wheel. Before proceeding with the replacement of your original steering wheel, it is necessary to read and understand all these instructions. By reading them first, you can become familiar with the steps and terminology used. Please take note of the following directives used throughout these instructions:

ALWAYS CAUTION NEVER NOTICE NOTE

NOTICE - **GRANT** recommends that installation be performed by a qualified service provider such as your local Ford dealer, a certified mechanic, collision repair shop or a local airbag service center. Many of these service centers will come to your home or place of business to change out the air bag and wheel for a nominal fee. To find these providers check the internet for “airbag service”, “mobile airbag service” or check the yellow pages. If you decide on changing the wheel yourself or having someone who is not a certified mechanic perform the installation of your new Grant wheel, we offer an instructional video on our webpage. **GRANT** does not provide any express or implied warranty for the airbag, including any warranty of merchantability or fitness for a particular purpose. **GRANT** disclaims any liability arising from improper installation of the airbag, including any liability for injury or death.

CAUTION

ALWAYS WEAR SAFETY GLASSES WHEN REPAIRING OR HANDLING AN AIR BAG.

ALWAYS CARRY A LIVE AIR BAG MODULE WITH THE TRIM COVER POINTED AWAY FROM YOUR BODY.

ALWAYS PLACE A LIVE AIR BAG MODULE ON A BENCH OR OTHER SURFACE WITH THE TRIM COVER FACING UP.

NEVER PROBE THE CONNECTORS ON THE AIR BAG MODULE.

AIR BAG MODULES WITH DISCOLORED OR DAMAGED COVERS OR DEPLOYMENT DOORS MUST BE REPLACED, NOT REPAINTED.

“VISIT OUR WEBSITE WWW.GRANTPRODUCTS.COM AND DOWNLOAD INSTALLATION VIDEO.”

REMOVING ORIGINAL STEERING WHEEL FROM THE VEHICLE

1. Position the steering wheel so that it is pointed straight ahead. Loosen the steering wheel retainer bolt. Install a steering wheel puller (number 2) as shown in Illustration 3 below and loosen the wheel on the shaft per the puller directions using the center bolt to push against. Remove the puller, and pull the steering wheel up to separate it from the shaft.

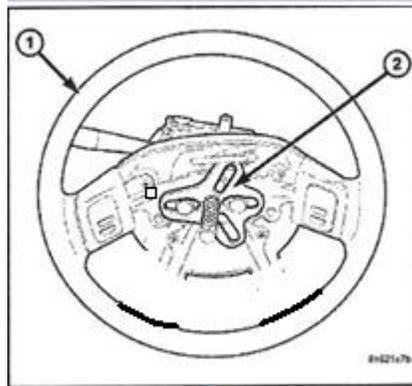


Illustration 3

2. Taking care to not pull on any of the wiring coming out of the column; simply feed the wires back thru the hole in the wheel and remove the wheel from the column. Again, do not turn the plastic clockspring mechanism now or at any time during the installation.
3. Take the wheel to a work bench as you will need to transfer a number of components from the original wheel to your new *Grant* wheel.

REMOVING COMPONENTS FROM ORIGINAL WHEEL

1. Once your Steering Wheel has been removed, using a Torx 15 screw driver remove the two screws holding the plastic filler on the back of the wheel.
2. Now that the cover is out of the way you can access the switches' retaining tabs from the back of the wheel as shown on Illustration 2. Lightly press on the top and bottom tab until the switch pops out of its place. Do the same for the other switch.

PREPARING NEW WHEEL FOR INSTALLATION

1. Transfer the switches with the wiring harness to the new wheel just as they were on the original wheel. Be sure to press lightly to prevent any damage to the retaining tabs on the back of the switch.
2. Replace the plastic filler housings to the back of new wheel and secure with the 2 Torx head screws.

INSTALLING NEW STEERING WHEEL

1. Position the new wheel onto the shaft making sure all the wiring feeds through the hole in the center of the wheel as before (there is only one way to install the wheel so you cannot get it on crooked).

2. Tighten the steering wheel retaining bolt and torque securely to 22-29 ft lbs (29-39 NM). You can re-use the original bolt when applying thread locking compound. Connect the switch wire harness to the clock spring .
3. Position the airbag module near the wheel and connect the 2 airbag wire connectors. The connectors are different to assure proper wire placement.
4. Place the Airbag back into position on the wheel. Using the 8 mm socket reinstall the 2 retaining screws that secure the airbag onto the wheel. Also replace the factory screw covers.
5. Reconnect the negative battery cable.

Remember to reset your radio station presets and clock and enjoy your new **GRANT REVOLUTION** steering wheel. When you first start the vehicle the engine may run less smoothly than before as the computer will have to reset itself due to the power loss but this will just take a moment or two.

If you need further assistance contact GRANT Technical Service Support at:

Phone (956) 542-0202

Phone (800) 952-6947

Email: techsupport@grantproducts.com

**Support Hours are 8:00AM to 5:00PM Central Time
Monday through Friday**

The logo for GRANT, featuring the word "GRANT" in a bold, italicized, sans-serif font with a metallic, 3D effect and a registered trademark symbol.

OUR LIMITED WARRANTY

We warrant this product for ninety (90) days from the date of original purchase to be free from defects in materials and workmanship. If, during this period, the product fails under normal usage because of a manufacturing defect, then we will replace or repair the item. To obtain repair or replacement under the terms of this warranty, notify us at 615 Elca Lane, Suite E, Brownsville, TX 78521. Proof of purchase and date of purchase are required to validate warranty.

All implied warranties, including any warranty of merchantability or fitness for a particular purpose, are limited to this same ninety-day period from date of original purchase. We are not liable for any direct or consequential loss or property damage arising from any use of this product. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Offer good in U.S.A. and Canada only.

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On the Web: www.grantproducts.com