



HD TRUCK CONTROL KIT INSTALLATION INSTRUCTIONS

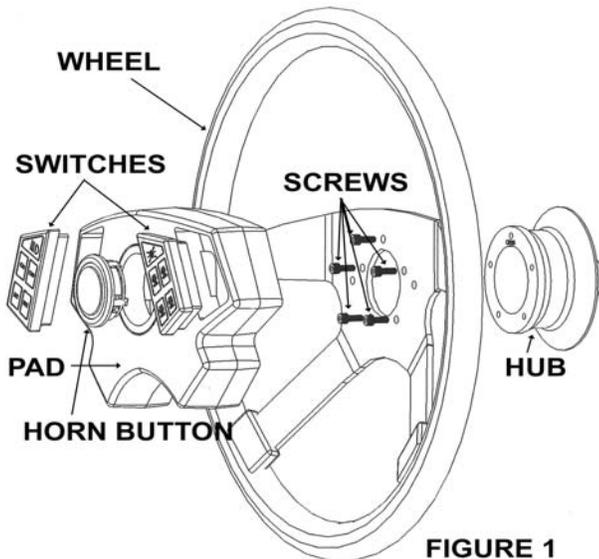


FIGURE 1

REMOVAL OF ORIGINAL WHEEL

1. Point wheels straight ahead and disconnect battery or pull horn fuse before starting removal of the old wheel so the horn won't short out and blow during installation.
2. Remove the horn button by pulling out from wheel and disconnect the wire(s) going to horn button. Unplug the large wire connector on the right side going down into the column as well taking care not to pull or pinch any of the wiring excessively.
3. Remove the nut which holds the wheel onto the shaft.
4. Mark shaft to denote the "top" or straight position.
5. With a conventional puller (or GRANT puller 5891), use the two tapped holes which you will find in the hub of old wheel to pull it off the steering shaft.

If a puller is not available, you may improvise an efficient one to do the job. By drilling two holes of the proper size in a short steel bar and using two screws of the proper length you can tighten them and pull the old wheel very easily.

NOTE: Take care when removing the old wheel to make sure the connector for the switch assembly going to the clock spring does not get pulled or that the wires get bent severely. Push the connector down thru the hole in the wheel while pulling off the shaft and make sure it does not pull the clock spring out of position.

If clock spring does get moved, refer to detailed instructions on the decal of this spring explaining how to re-orient it.

6. Remove the switches and circuit board from the original wheel by removing the screws found in the rear of the wheel. Take care not to pull excessively on wire connectors. Disconnect the switches from the circuit board wiring harness.

PREPARING WHEEL FOR INSTALLATION

6. Preassemble the GRANT steering wheel to the adapter hub using the 5 screws provided. The part number stamped into the top surface of the hub denotes the 12 o'clock or "top" hole. Tighten screws to 13nm (10-12ft/lbs). Remove the horn button (if installed) from the control pad by pushing out from the backside.
See Figure 1 at left.

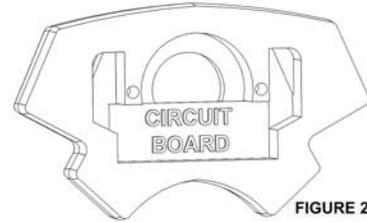


FIGURE 2

7. Position the circuit board in the back of the GRANT pad by pressing it onto the rectangular cavity where it will snap into position. Feed the wires to the switches up thru the holes provided and connect to the switches. Push the switches into the Grant pad storing the excess wire into the cavity to prevent pinching or pulling. **See Figure 2.**
8. Install the wheel/hub assembly onto the shaft noting that the mark you made in step 4 is aligned with the top of the wheel. Make sure to feed the connector from the clock spring up thru the hole provided in the hub (do not pull or bend the wires. Now, if oriented correctly install and tighten the steering heel retaining nut to 70nm (50-55 ft/lbs).

Carefully plug the connector from the clock spring to the lead from the circuit board, again taking care not to pull or excessively bend the wire cable. Locate the pad onto the wheel by either using the 2 screws provided or on some models by just stretching over the edge of the spoke.

HORN BUTTON INSTALLATION

9. There are 2 terminals on the back of the button, connect one wire to each terminal. If only one wire exists connect it to either terminal. Position the button into the center of the pad centering the logo and push in firmly.
10. Reconnect battery or reinstall horn fuse and enjoy your new GRANT wheel.

OUR LIMITED WARRANTY

We warrant this product for one (1) year 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 700 Allen Avenue, Glendale, California 91201. Proof of purchase and date of purchase are required to validate warranty.

All implied warranties, including warranty of merchantability 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.

IMPORTANT

FOR YOUR OWN SAFETY DO **NOT** USE THIS WHEEL FOR ANY COMPETITIVE OR COMMERCIAL RACING PURPOSES: RACING DOES NOT CONSTITUTE NORMAL USAGE AND THEREFORE MAKES THIS WARRANTY VOID.