

CIPHER STEERING WHEEL FOR NC 21-41XX0



Thanks for purchasing our Cipher steering wheel for your NC. If you have any questions during installation or suggestions for improvement to the product or the instructions - please don't hesitate to call or email.

WARNING: Not everyone can perform every installation. It is critical that you be honest with yourself in regards to your ability. We're more than happy to help, but there are only so many things we can do from the other end of a phone / computer. If in doubt, discuss the install with us before you dive in. Improper installation could cause injury and / or death!

Required tools:

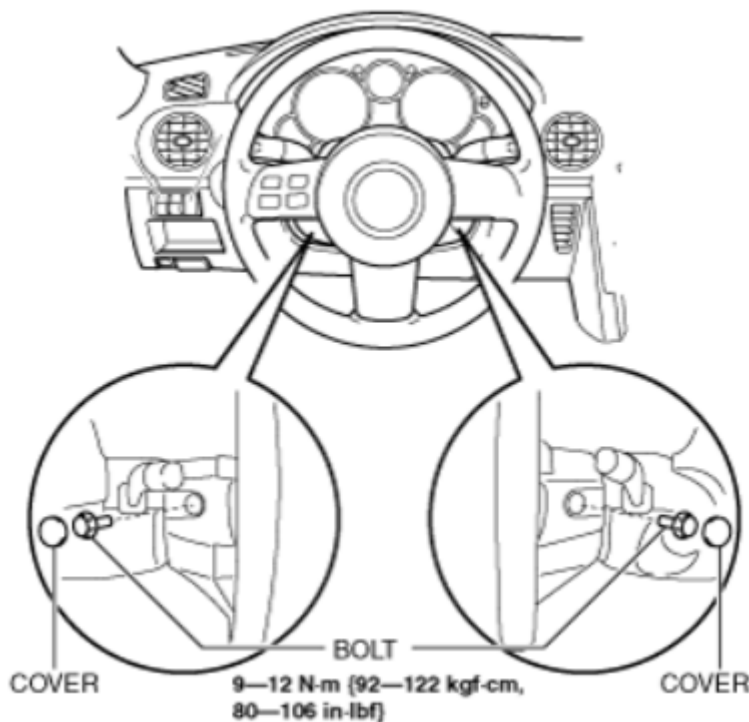
- 10mm socket & extension
- Small flat-blade screwdriver
- 21mm socket & extension
- Phillips screwdriver
- Fine-tip Sharpie
- Torque wrench(s)

Torque specs

- Steering wheel lock nut: 29-36 lb-ft
- Air bag bolts: 80-105 in-lb (NOT lb-ft!)

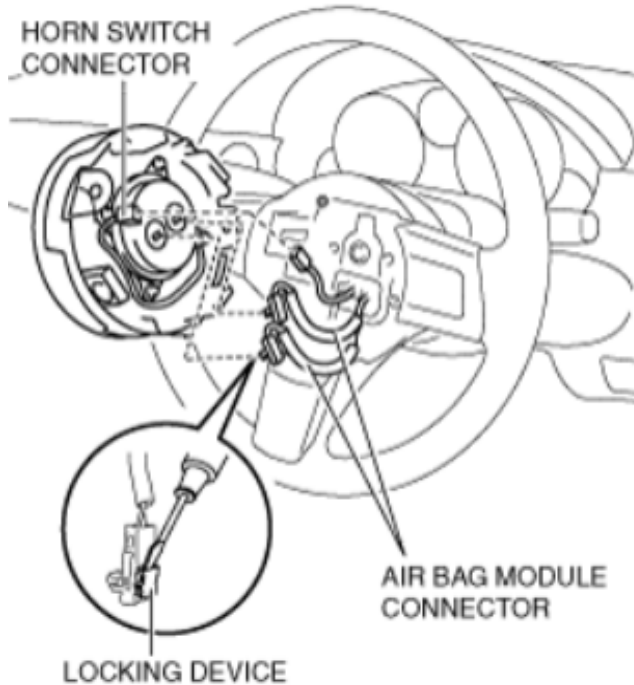
Handling the air bag module improperly can accidentally deploy the air bag module, which may seriously injure you. Be sure to carefully follow all of these instructions.

1. Disconnect the ground cable of the battery. Use a 10mm socket to loosen the cable clamp on the battery post. Be very careful to not touch the positive terminal with your wrench.
2. Step on the brake pedal a few times to discharge any stored electrical energy in the car electronics.
3. Remove the two covers on the back side of the steering wheel. Use a 10mm socket and extension to remove the two bolts holding the airbag in place. Keep a hand on the airbag to keep it from falling once both bolts are loose.

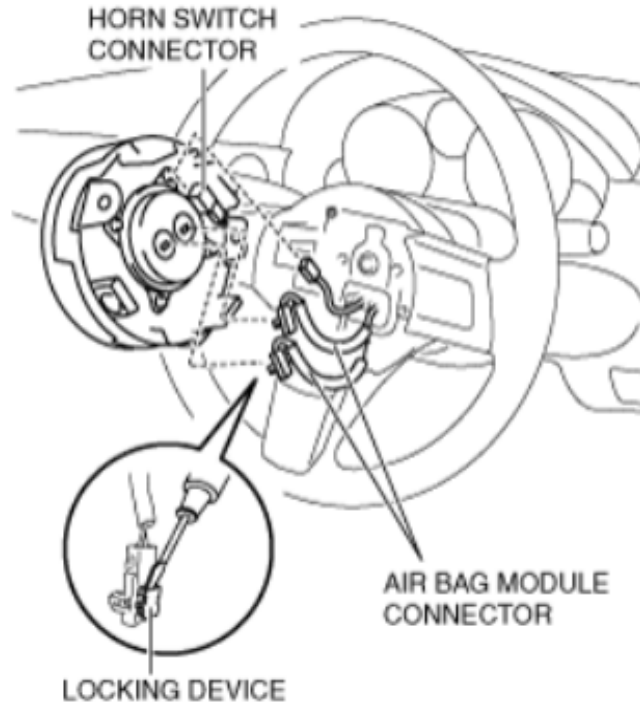


- Carefully pull the airbag out slightly, making sure not to tug on the wires. Disconnect the horn wire. Using the small flat-blade screwdriver, pop up the center of each airbag connector (yellow and orange) a few millimeters. Unplug the connectors from the back of the airbag.

VEHICLES WITH STEERING SWITCH



VEHICLES WITHOUT STEERING SWITCH



- Center the steering wheel, and, using a fine-tip Sharpie, make a mark on the steering column right at the 12 o'clock position. This will help align the new steering wheel in case the column rotates. Use a 21mm socket to remove the nut that holds the steering wheel to the steering column. Unplug the steering wheel switch connector from the clock spring.
- Remove the steering wheel. This is typically done by wiggling the wheel while you pull. If your wheel is extra stubborn, you may need to use a steering wheel puller. Do not strike the steering column, as that could collapse it. With the wheel removed, do not allow the steering column (clockspring) to rotate to prevent damaging it.
- Automatic cars only:** Remove the Phillips screws that retain the brackets that secure the paddle shifters to the steering wheel. Unplug the paddle switches and set them aside.
- Remove the back plastic from the steering wheel. Remove the Phillips screws that retain the switches and lower spoke fascia from the steering wheel. Unclip the wiring harness from the steering wheel.
- Install all of the removed components onto the Cipher wheel in the reverse order of removal from the old wheel.
- Check your 12 o'clock alignment mark to see if the steering column has rotated. Install the steering wheel with the top of the wheel aligned with the 12 o'clock marking.
- Torque the nut to 29-36 lb-ft. Reassemble the car in the reverse order. Be sure to hook up the battery only after the airbag has been fully reinstalled.

12. Upon keying on for the first time after removing and reinstalling the airbag, the airbag warning light will illuminate for approximately six seconds and then go out. If the light stays on (and wasn't on at the start of the job), repeat steps 1-3 and confirm the airbag connections are secure.
13. After installing a new steering wheel, you might find that an alignment is needed to perfectly re-center it. The wheel/tire alignment itself won't change, so this would only be necessary if your steering wheel is off-center and can't be fixed by simply reinstalling it one spline over.