

## Mazda MX-5 ND

### custom button panel installation

Cruise Control + volume + Info + Option version

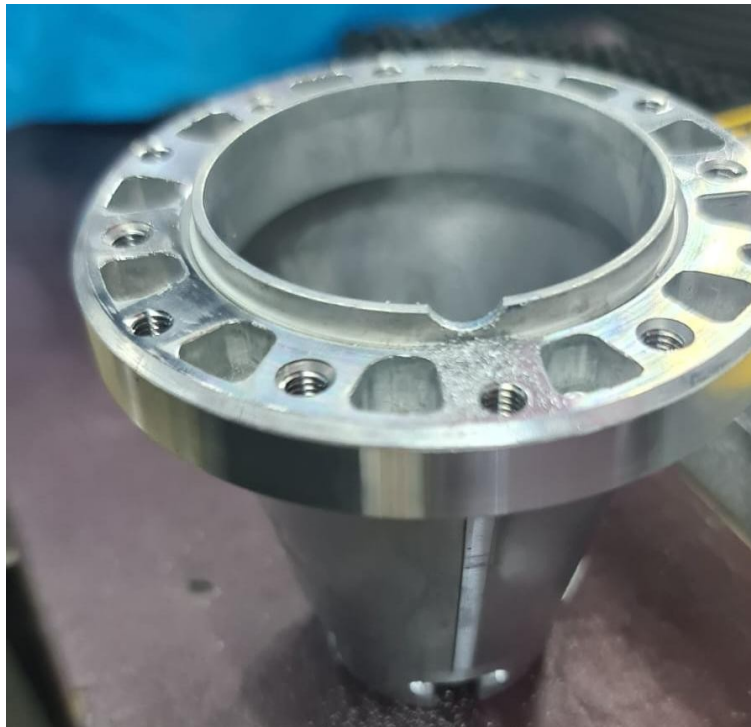
requirements:

- stock clock spring

Installation steps:

1. remove steering wheel (6 screws)
2. depending of wheel hub you are using pass wires inside hub or outside hub and plug into clock spring connector
3. place control panel on hub, then steering wheel on it. If wires are routed inside hub make sure whole harness passes through the cutout in the panel and does not get "pinched" when tightening the steering wheel.

Note: some hubs may require modification to pass wires like on photo below



4. Connect horn
5. Reinstall steering wheel screws – enjoy!

Buttons should be backlit (dimnable with rest of car illumination), Volume, Info and CC buttons working. Using Option button requires more work

**Option button** connection:

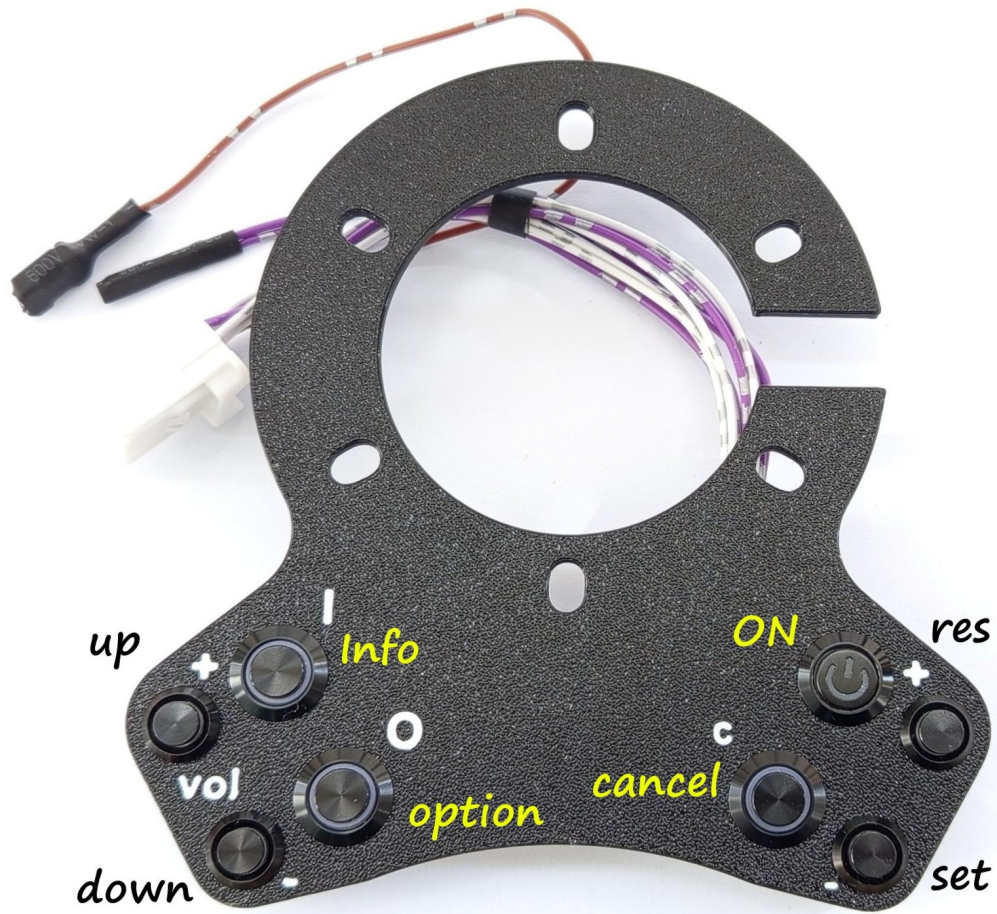
lower button on the left is **Option** button. This is just momentary switch, two cables running to its contacts are unconnected and insulated. This connection is up to you, not possible with stock car but may be useful in case of heavily modded cars. You may reuse some wires of clock spring. Proceed with caution.

Installing terminals:

- remove insulation (heatshrink)
- lift up small part of a plug to unlock connector
- put terminal inside until it clicks, should go inside with ease. If does not want to go inside rotate 180 deg
- press locker on connector to lock it again

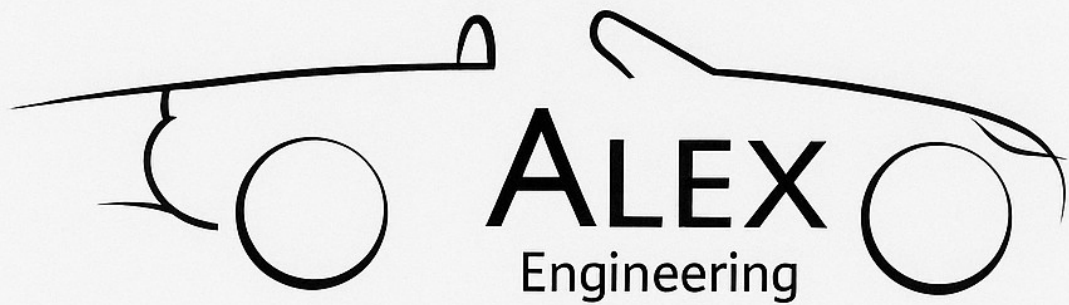
removing terminals in case something goes wrong:

- lift up small part of a plug to unlock connector
- insert small needle in the small hole just below terminal you want to remove then pull out terminal
- when job done press locker on connector to lock it again



#### CC usage:

- ON button switches CC On
- SET/- sets speed/enables CC (works above 30kmh). Longer press will slow down.
- RES/+ return to last set speed. Long press -> accelerate. (set value resets on key-off)
- CANCEL/OFF disables CC for while. Possible return to previous speed using RES/+ or to other speed using SET/-



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