

This procedure for “*Nissan Patrol , Pulsar , Maxima remote key – Worn out button replacement procedure*” was prepared by Polmex, Western Australian innovative Engineering Company, specializing in design and manufacture of special purpose Silicone products. Supplying to the market Silicone Buttons for worn out remote keys of various makes and models: Hyundai, Holden, Commodore, Ford, Mitsubishi, Nissan, Rover, Land Rover, Peugeot, BMW, Jeep, Mazda Rover, Kia, Jeep, Mercedes and more...

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Polmex replacement Buttons/Pads are made from LSR Silicone and will not break, due to deteriorating effects of sunlight, water and chemicals commonly encountered in service such as Detergent, Oil, and Methanol. **Our silicone buttons are flexible and will not deform, change shape, degrade and break over period of time. They are much more durable than originals and are designed to last.**

Please note that before you fit our new pad we recommend cleaning electronic switches.

Why do you need cleaning switches?

Remote buttons (rubbers) in most remotes are made from flexible plastic called elastomer. When buttons age, material they are made of (with exception of LSR Silicone) breaks down and oily substance comes out clogging switches. Remote key still works but buttons are becoming less responsive and work randomly. If switches in your remote have problem as described above then we advise that switches are cleaned first before new Pad is fitted.

Instructions for Cleaning Switches

To clean switches you would need **Isopropyl alcohol** (also known as Rubbing Alcohol or Isopropanol) which can be purchased in Australia from local chemist, Dick Smith or Mitre 10.

Approximate cost of 100 ml is \$10. If Isopropanol is too hard to get you can substitute it with **tea tree oil**.

- Use **wooden skewer or toothpick** to dip it in Isopropanol
- Place couple of drops on the top of switches in your remote key
- Keep pressing switch a few times till it starts clicking positively
- Wipe excess of alcohol off with **cotton bud** and repeat the same process
- After a few rounds of cleaning, your switches should unblock and become more responsive.

Instructions for Cleaning Switches and Fitting Pads are applicable for 2 button pad and 4 button pad





Button Replacement Procedure

1. For 2 buttoned pad you have to unscrew holding screw located at the back of remote. 4 buttoned pad does not have screw at the back. Next prise open your remote with small screwdriver to end up with 3 parts: One consisting of hard shell with battery, second part being electronic board and the third part – top part of hard shell with button cutouts.

2. Remove old rubber insert from the shell.

3. Stretch new silicone pad over electronic board.

4. Assemble your remote in reverse order till it closes firmly

Once button replacement is finished, remote will work straight away with **no need for re-programming.**