

REPLACING YOUR RF 2590 RELAY MODULE

The NI 2590 is constructed so you can replace the relay module when the relays fail. The life of the relay is nominally 10^5 operations when switching the maximum rated load.

You can order an RF 2590 replacement relay module for your NI 2590 from National Instruments. The replacement kit contains the fully assembled module. Follow these instructions to replace the failed module. Refer to Figure 1.

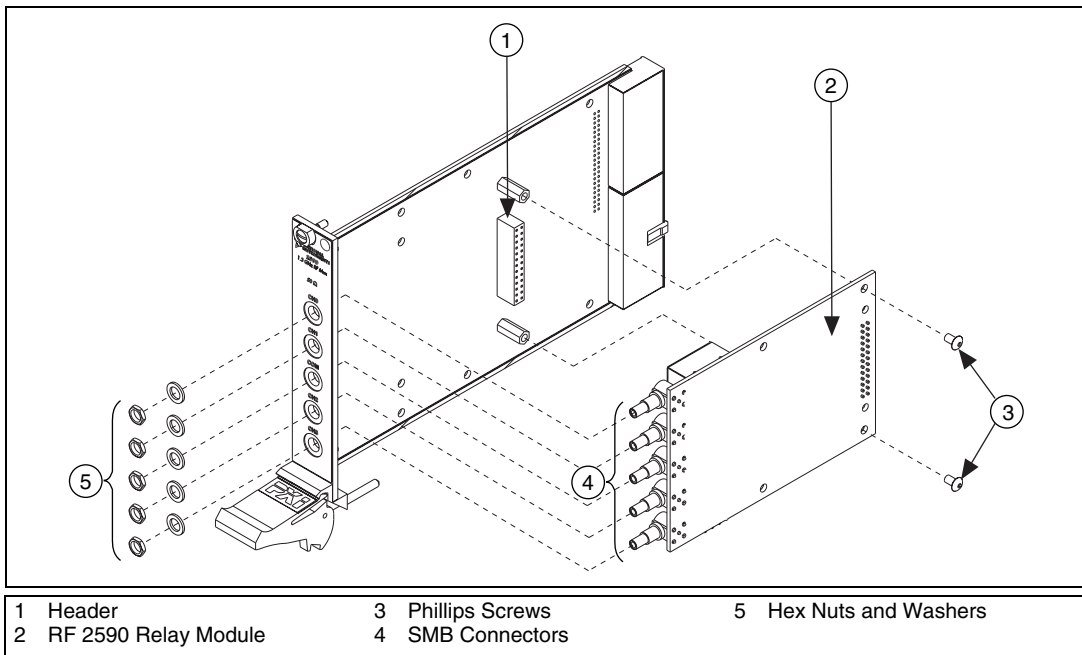


Figure 1. NI 2590 Parts Locator Diagram

1. Ground yourself with a grounding strap or a ground connected to your PXI chassis. Properly grounding yourself prevents damage to your PXI module from electrostatic discharge.
2. Remove the two Phillips screws that fasten the RF 2590 relay module to the module carrier.
3. Remove the hex nuts and washers from the SMB connectors on the front panel.
4. Gently disconnect the rear of the module from the header, then carefully remove the module.
5. Install the replacement module, washers, hex nuts and Phillips screws in reverse order, taking care not to damage the connector pins on the module.

