

## **Variable Speed Intermittent Wiper Switch For 2006 & Newer "NC" Miatas.**

Several of us have upgraded our wiper switch stalk/arm to have the variable speed intermittent wipers like the RX-8 and other high end cars. I was asked to do an article on how to do this upgrade to the 2006 and newer Miatas. It is truly a 10 minute job, and good used switch arms are available on E-Bay. They have been purchased for as low as \$54.95 including free shipping.

I got mine thru E-Bay from:

**PAM's Auto, Inc.  
7505 Ridgewood Road,  
Saint Cloud, MN, 56303.  
Phone is 800-201-7402 ext 208 (Josh).**

I dealt with Josh, and his e-mail is: [josh@pamsauto.com](mailto:josh@pamsauto.com) . Their web page is: <http://www.pamsauto.com> . They have a lifetime warranty on all electrical items they sell. You can't get that on new parts! Mine looks and acts as if it was brand new in the box.

The OEM part number for the switch is #290536310488. Or below is the list of cars this switch can be taken from if you are buying used:

MAZDA-6, 03 column mounted, wiper switch  
MAZDA-6, 04-05 column mounted, wiper switch, Sedan  
MAZDA-6, 06-07 column mounted, wiper switch, Sedan, except MazdaSpeed 6  
MAZDA-6, 08 column mounted, wiper switch, Sedan  
RX-8, 04-08 column mounted, wiper switch  
RX-8, 09 column mounted, wiper switch, w/out rain sensor

The first step is to loosen the adjustable steering wheel height lever. Then remove the 3 screws under the plastic cover parts that are over and under the steering wheel. See the picture below for the 3 screw location. The 2 screw locations closest to my hand in the picture are closest to the driver. These have



sheet metal screw type threads. The 3rd screw is a metal fine thread type screw closest to the dash. If you have the advanced Keyless Entry, and have the plastic knob in the ignition switch like in the picture, remove this plastic knob first as it

makes it easier to remove the top and bottom covers. Next the top and bottom covers pop apart as plastic clips hold them together along the sides.

Next look at pictures below.



The Picture on the left is a close up of the switch assembly, and the picture on the right shows it in place. Note there are 2 screws that hold it in place and one wiring harness that plugs into the bottom. Pull the wiring harness down to remove it, noting the small latch that holds it in place. Then remove the 2 screws that hold the switch body in place. Pull the old switch out, push the new one in, insert the 2 screws and tighten. Plug in the wiring harness, and reinstall the top and bottom covers & screws.

The Picture below is how the switch looks in place. It really is as



easy as I explained above. Or bring your switch to my house and I'll be happy to help install it. It is really nice to be able to vary the rate of the wiper when commuting in the Miata in a light rain. This is a great upgrade, and functional too.

Zoom-Zoom (with care) Bill Latsha