

## WINDOW MOTOR REPROGRAM PROCEDURE

### BMW E87 – E90

1. Remove motor from window regulator
2. Reconnect window motor to door harness
3. Using the door switch power the motor in both directions approx 10 turns this will allow motor to lose its memory.
4. **Confirm memory is lost.** Auto press the window switch, the motor should rotate approx ½-1 revolution and stop. This needs to be confirmed in both directions before continuing.
5. Unplug motor, bolt onto window regulator, mount in to door, lock the glass into slider clamp and plug motor harness in place.
6. **CLOSE door** and start engine (to regulate vehicle battery voltage) to commence memory relearn procedure.
7. From either the passenger door you're working on, or from the main switch pack. Power and hold the switch until the glass is in the closed position, once the glass is fully closed hold switch for a further 2 - 3 secs. Repeat procedure for down.
8. Testing Motor Reprogram. Auto up (one touch express close) the glass should auto up and rest in the closed position. Auto down (one touch express open) the glass should auto down and rest all the way down.
9. Notes: Motor memory will not set with door open. Auto up will not work with door open. If step 3 & 4 are not completed correctly and motor has not lost its original memory the motor will not relearn the new memory (position) and therefore anti-pinch will activate ( glass will drop approx 100mm when asked to auto up)

Further assistance or technical support please phone Powerwin Automotive on 07 3267 8998.