

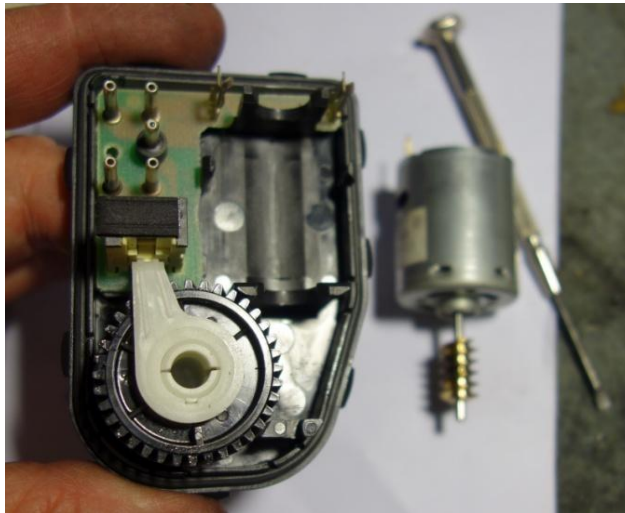
30 December 2015, 166,829 kilometers – 1999 E55

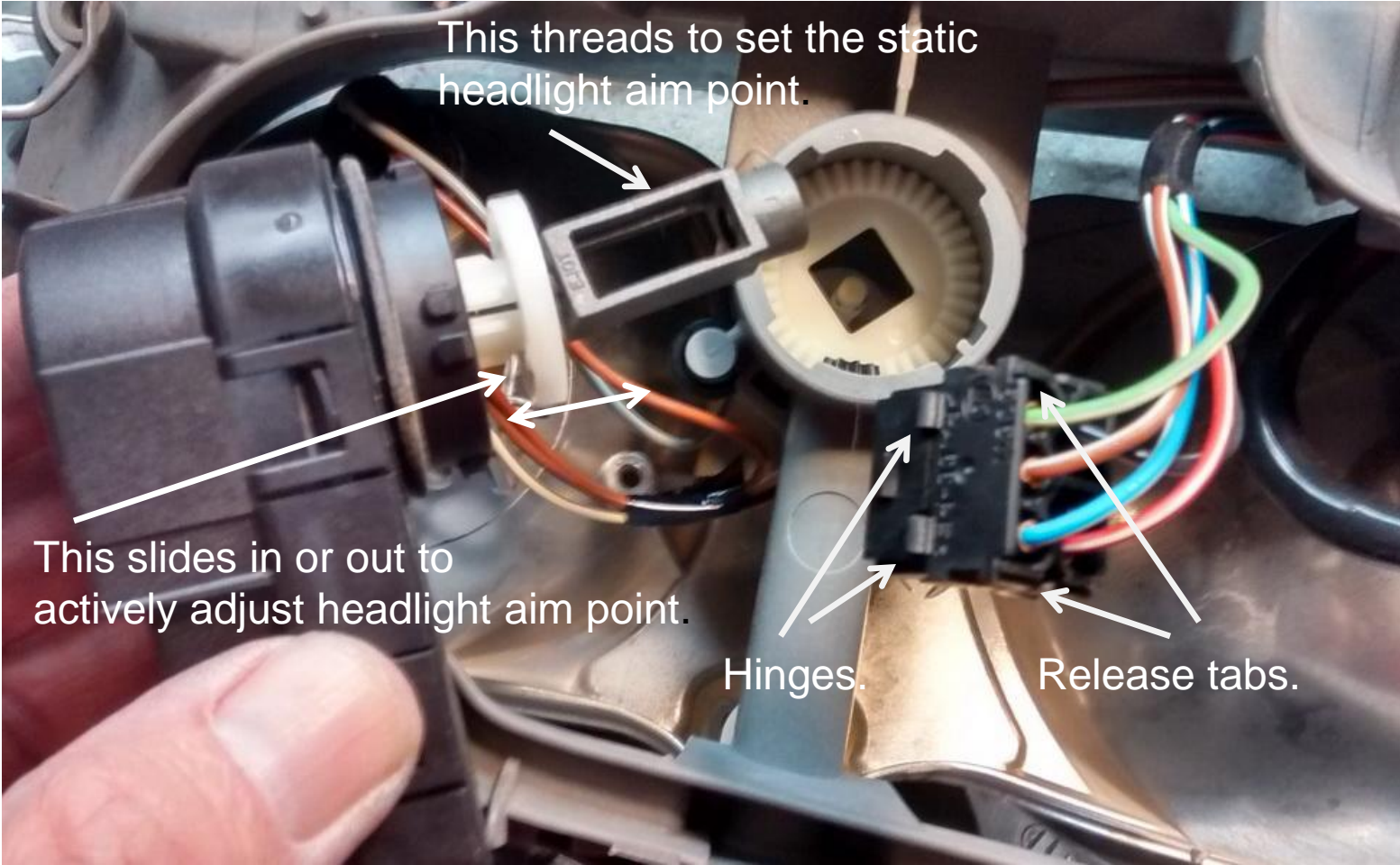
VIN: WDBJF74H1XA.....

-Left front headlight stepper motor showing error codes; not adjusting even with diagnostic system. Opened both headlights, insulation flaking off of stepper motor wires; will replace wires next summer, for now just lifted tabs on side of connectors, opened front and rear of connector, and slipped shrink tubing over the wires.

-Final diagnosis, oxidized connectors on stepper motor prevented reliable operation. Removed motor; burnished connector and motor contacts on circuit board with brass brush. System operated normally after this.

-Reinstall: reach under stepper motor and guide reflector's threaded rod into stepper motor threaded socket while holding reflector to rear. Simultaneously use 13mm socket to rotate headlight alignment vertical aim point knob to thread stepper motor threaded socket onto threaded rod





This threads to set the static headlight aim point.

This slides in or out to actively adjust headlight aim point.

Hinges.

Release tabs.