ESPB Dash Light Flashing / Module Clicking

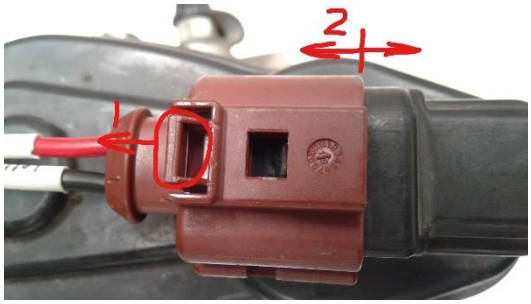
SYMPTOM
The handbrake light in the dash cluster is flashing, or the module is clicking.

CAUSE

The flashing light or clicking module can be caused by the ESPB kit being fitted in the incorrect sequence. If the battery connections are fitted to the battery before the ESPB has been fully fitted, and the ignition is cycled with any part of the electrical side of the ESPB system not connected, it will put the motors, calipers and module out of sync. Connecting the battery terminals must be the LAST step when installing the ESPB kit.
The fault can also occur when the caliper wires are connected to the wrong caliper. Left side wiring to right side caliper. Make sure to read the labels on the harness and connect the correct plug to the correct caliper.

SOLUTION

RESET CALIPER MOTORS
Raise the vehicle on a hoist, remove the rear wheels and disconnect the wiring harness from each caliper motor. The calipers can be left mounted to the vehicle.



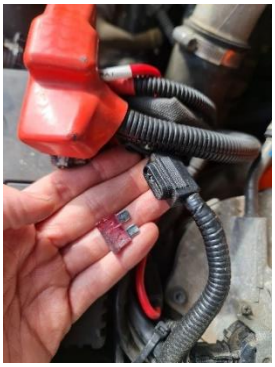
Using a 5mm Allen key remove the ESPB motors from the back of the calipers. (Leave the calipers mounted to the vehicle)

Once removed, using a 6mm allen key turn the gear in the back of the caliper, clockwise until it comes to a stop.

Then turn the gear anticlockwise an eighth of a turn to ensure the worm gear is not locking up.

RESET MODULE

The module under the bonnet can also lose the position of the calipers. To fix this unplug the module, wait 10 seconds, reinstall the module. Or take out the fuse at the battery for 10 seconds then reinstall. **Do this while the ignition is on**. This acts as a reset for the module.



CYCLE MOTORS

Turn the Ignition off again, while the ESPB motors are still removed. Plug them both into the harness and turn on the ignition, then push the switch to disengage the ESPB. This will re-sync the motors, so they are both in the same position.

Push on switch to disengage the ESPB system.

Once the motors have stopped turning, reinstall the ESPB motors while the ignition is still on.

Engage and disengage the ESPB system a couple of times so the module can calibrate itself.

If the handbrake light is still flashing repeat the "reset module" process without removing the motors.

Check that the automatic activation of the ESPB works by turning off the ignition while the ESPB is Disengaged.