3.3.1 Setup Problems (con.)

Searching broken wire using a radio:

1. This option is enabled with Charging Station Board / Perimeter Switch from 2008 season and onwards only. If the customer has board from 2007 or previous, it is required to connect newer board to its setup in order to allow this test.

2. Disconnect one of the perimeter wire ends from the Charging Station board / Perimeter Switch.

3. The Board continues to generate a signal (although there is cut wire) of 2 KHz (instead of 8 KHz in normal operation) that prevent the operation of the mower.

4. Set the radio to AM in high volume and start follow the perimeter wire. In one direction there will not be any beeps while listening to the radio and in the other direction you will hear beeps while the radio is above the wire.

5. The cut in the wire is at the point where the beeps are stopped and not heard.
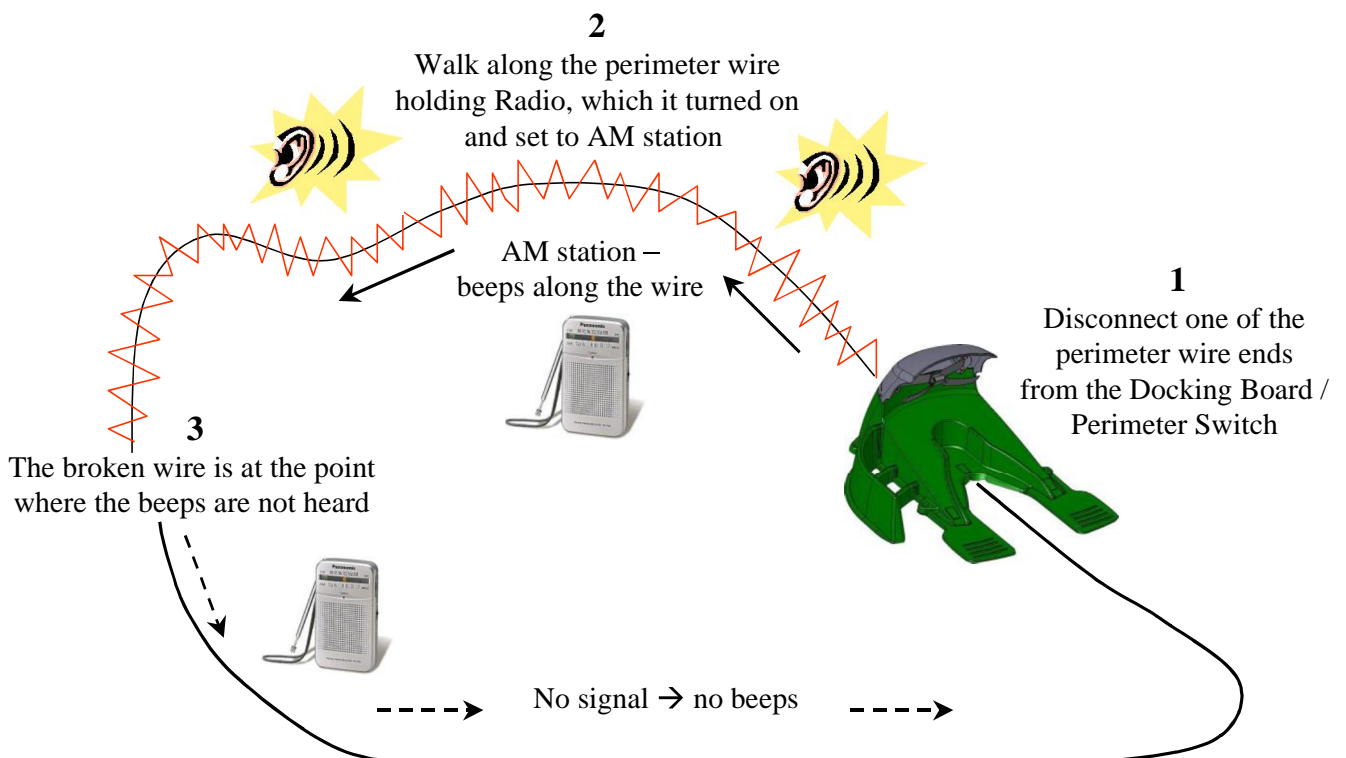
2
Walk along the perimeter wire holding Radio, which it turned on and set to AM station

AM station –
beeps along the wire

1
Disconnect one of the perimeter wire ends from the Docking Board / Perimeter Switch

3
The broken wire is at the point where the beeps are not heard

No signal → no beeps

Figure 3.2
Broken wire detection
using radio

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