The Saturn Windshield Wiper Controller

Requirements Specification

A lever with a dial controls the windshield wiper on some Saturn automobiles. The lever has four positions, OFF, INT (for intermittent), LOW, and HIGH, and the dial has three positions, numbered simply 1, 2, and 3. The dial positions indicate three intermittent speeds, and the dial position is relevant only when the lever is at the INT position.

The decision table below shows the windshield wiper speeds (in wipes per minute) for the lever and dial positions.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| c1. Lever | OFF | INT | INT | INT | LOW | HIGH |
| c2. Dial | n/a | 1 | 2 | 3 | n/a | n/a |
| a1. Wiper speed is… | 0 | 4 | 6 | 12 | 30 | 60 |