

# Elscint Automation

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## Case Study – Segregation of assembled and unassembled Radiator Valve Caps

**Industry - Automobile Ancillary Industry**

### Requirements -

1. Segregation of assembled & unassembled Radiator valve caps
2. Segregation speed of 150 pieces per minute
3. Extra loading capacity required

**Orientation – Not applicable**

### Accessories provided –

1. Hopper
2. Elscinthane PU coating
3. Stand with segregation bins

**Vibrator Model – Model 400**

### Description -

Elscint Model 400 vibratory bowl feeder is used for segregating assembled and semi-assembled radiator valve caps through a Vibratory Bowl Feeder without the need of a costly vision system. The radiator valve cap assembly has five parts. Even if any one part is not assembled in the Radiator Valve Assembly, the same is rejected. There are numerous permutations and combinations that need to be segregated. The same has been made possible by development of a special type of Vibratory Parts Feeder.

### Further operation -

This has helped reduce the time lost while making the final Radiator Assembly for the customer.

