

Application Note: Automotive Vin Tag Application

IMPACT Software Suite Information:

Software Version: 8.1

Files Included: Images VPM Program CP Program

Others:

Application:

Inspection of automotive VIN tag to verify the characters on the tag are printed correctly.

Image Example(s):



Lighting Used:

Lensing Used:

Tools Used:

1. Line Find Tool; used to find the top of the VIN tag text. This X, Y and Angle information is then shared with the Origin tool.
2. Origin Tool; used to find the starting part of the VIN tag text. This X, Y and Angle information is then shared with the OCR tool.
3. OCR Tool; used to validate the VIN tag.
4. Pass Fail Tool; used to make a global decision whether the part passed or failed, based on the current state of those Tools being monitored.
5. Discrete Output Tools; used to toggle the various Outputs On / Off to allow the machine to reject failing parts accordingly.

Other Notes: