

Alignment of Auto connector

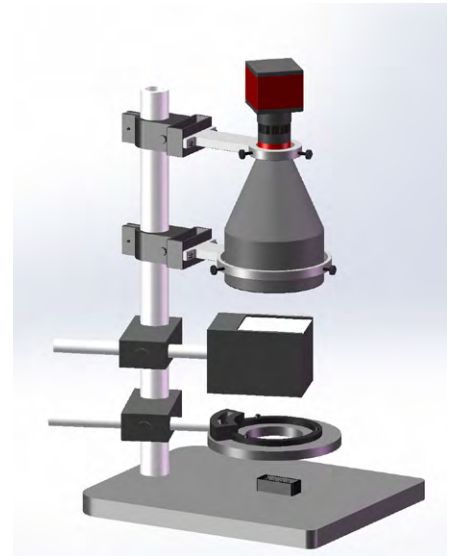
Application: Align the welding foot of Auto connector and ensure the connecting components can be assembled well in the vehicle.

NEW TRY Products: Telecentric lens(VCM125-80) +
Illumination: 45° ring light + Coaxial light

- C/F Mount Bi telecentricity;
- <0.1% distortion;
- High resolution with clear image;
- Perfectly highlight the important details of the auto connector.

Camera: 10MP Basler 1/2.3", 1.67 μm

- Sensor: 6.44 mm x 4.62 mm
- Resolution (H x V) : 3840 x 2748 pixels



Test conclusion:

- Ideal for aligning the Auto connector
- Accuracy: Depending on different cameras resolution and image areas. 71.25mm X 50.99mm <0.0186 mm with 3840 x 2748 pixels
- Performance: Clear image, nearly 0 distortion.
- Test image: Achieved image with high definition and great uniformity .

