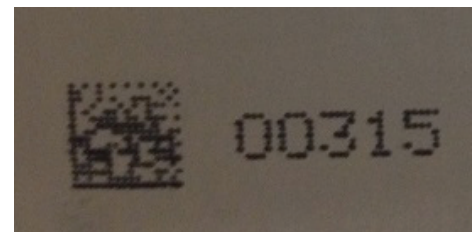




## Matthews Provides Traceability Solutions to Aluminum Suppliers in the Automotive Industry

### Objective

Manufacturers are requiring that sheet metal and aluminum commonly used in the automotive industry (hoods, doors, fenders, etc.) be traceable while it is processed in stamping and forming plants. When required, manufacturers use coil marking (also known as stenciling) to provide this material identification. The stencil is applied to the sheet and is used to provide traceability as the sheet material is cut and formed into the required parts. Typically the mark includes both human readable and 2D encoding. When the 2D code is scanned, the coil supplier, coil number, date, heat treat data and incremental linear length is read by the production line vision system.



### Matthews' Solution

Matthews Marking Systems proposed the MPERIA™ controller with Drop on Demand Valve Jet print head, the VIAjet™ V-Series. MPERIA™ easily communicated with the customer ERP system while the VIAjet™ V-Series provides a consistent readable mark.

### Results

With Matthews' MPERIA™ platform and the VIAjet™ V-Series print heads we were able to provide the traceability that was required by the automotive suppliers.

### Quick Facts

Industry: Automotive  
Material: Aluminum and/or Steel  
Message: 2d Code, Human Readable Text  
Line Speed: 100 fpm (30mps)  
Temperature: 2Ambient  
Ink: SCP-901 (Acetone) or SCP-411 (Ethyl Acetate)