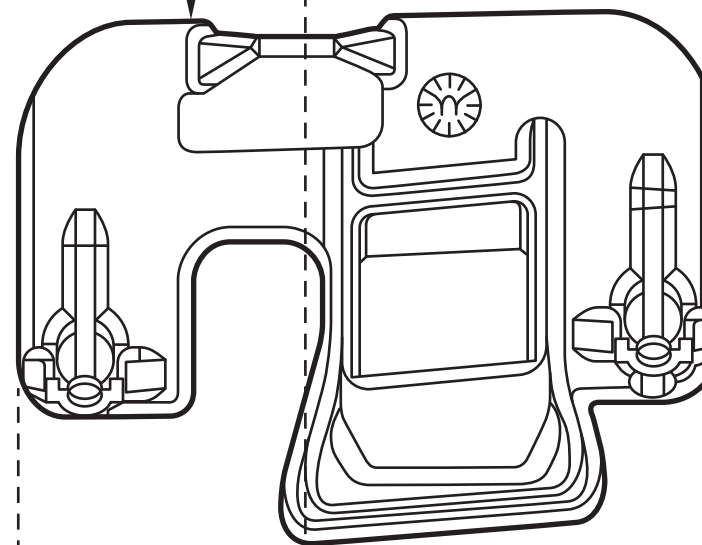




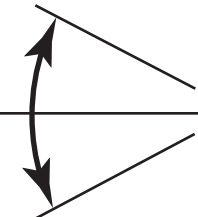
MEASURED FROM SOLID BLACK PAINT AT TOP OF WINDSHIELD.
NOTE: THIS LINE MAY NOT BE STRAIGHT OR LEVEL.

16 MM ±5 MM

OnLane™ Bracket:
Meritor WABCO P/N:
400 873 100 0



Install the bracket so the bottom surface of the camera is level ±1.5 degrees when the truck is parked on a level surface.



38 MM

CENTER OF WINDSHIELD

Bracket Installation

CAUTION: Do not install the bracket if the surface temperature of the windshield glass is less than 60°F.

NOTE: When printing OnLane™ Installation Template, ensure printing to actual size, 17 x 11 inches.

NOTE: Prior to installing the bracket, ensure that the windshield glass surface temperature ranges between 70° and 100°F.

- 1) Using the template provided, determine the camera mounting surface area on the windshield.
- 2) Using a clean rag and a 50/50 mixture of isopropyl alcohol and water, clean the camera mounting surface area on the windshield.
- 3) Use a clean dry wipe to dry the camera mounting surface area on the windshield.
- 4) Allow approximately 5 minutes for the camera mounting surface area on the windshield to dry completely.
- 5) Using the bracket template, locate the exact mounting area of the bracket on the windshield glass.
- 6) Remove the plastic liner from the bracket to expose the adhesive.
- 7) Position the adhesive side of the bracket, in the mounting location, on the glass. Press on the bracket using approximately 15 psi of force for a minimum of 30 seconds.
- 8) Allow a minimum of 30 minutes for the bracket adhesive to set before mounting the OnLane™ module to the bracket.

Camera Installation

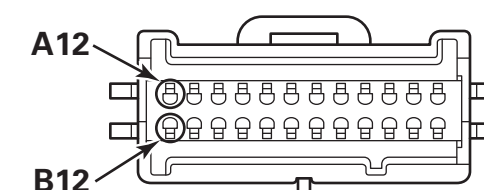
See OnLane™ Maintenance Manual MM-1291 for detailed installation instructions.

For Reference Only

Camera Height = 252 cm above ground
Camera Offset = 2 cm from center of windshield
Vehicle Width = 244 cm

Harness Connector Pin Assignment

Row A		Row B	
Pin #	Signal Name	Pin #	Signal Name
A1	Left Speaker +Out	B1	Left Speaker -Out
A2	Right Speaker +Out	B2	Right Speaker -Out
A3	Unused	B3	Unused
A4	Unused	B4	Unused
A5	Unused	B5	Unused
A6	Unused	B6	Unused
A7	Lane Searching Indicator Out	B7	Enabled Indicator Out
A8	Unused	B8	Enable/Disable Switch In
A9	Ignition In	B9	Ground
A10	Unused	B10	Unused
A11	Unused	B11	Unused
A12	J1939_Hi	B12	J1939_Lo



MERITOR WABCO

OnLane™ Installation Template

Freightliner Next Generation Cascadia
One-Piece Curved Windshield