WINDSHIELD CENTERLINE

73 MM ±5 MM

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

OnLane Bracket:
WABCO P/N: 400 873 101 0

127 MM ±5 MM

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

Bracket Installation

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

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

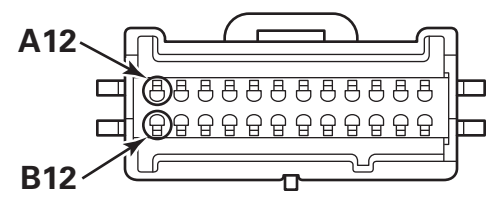See OnLane Maintenance Manual MM-1291 for detailed installation instructions.

For Reference Only

Camera Height = 242 cm above ground
Camera Offset = 18 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

A12

B12

WABCO

OnLane® Installation Template
M2-106 w/280" Cab
One-Piece Windshield

TP-1505

10-14