✂ - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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

**GASKET AT CENTER OF WINDSHIELD**

**55 MM ±5 MM**

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

**62 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.**

## 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 | Left Turn Signal In | B4 | Right Turn Signal In |
| 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**
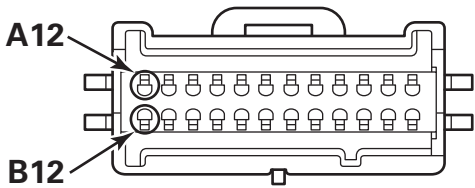
## Bracket Installation

**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 = 260 cm above ground
Camera Offset = 15 cm from center of windshield
Vehicle Width = 249 cm

# WABCO

**OnLane® Installation Template**

Western Star Phantom
Two-Piece Curved Windshield

TP-14101

06-14