



WF920 Series – Combination Winter Front and Bug Screen
BT1000 series – Heavy Duty Truck Combination Winter Front and Bug Screen
INSTALLATION INSTRUCTIONS

**IMPORTANT NOTE: THE BUG SCREEN MUST BE USED AS THE TEMPLATE
IN EITHER INSTALLATION METHOD**

**OPTION 1 – NO-DRILL INSTALLATION WITH STICK-A-STUD™ FASTENERS
INCLUDED:**

Before installing Stick A Stud™ "D" fasteners, please note:

- Clean area with isopropyl alcohol swab (supplied)
- Surface must be completely dry, wax free with no cleaning fluid present.
- For best results, install at temperatures over 60°F (16°C). Ensure that surface of the vehicle is warm to the touch. Use a hair dryer to warm up the surface and the Stick A Stud™ "D" if necessary. **IF THIS CONDITION CANNOT BE MET, YOU MAY WANT TO CONSIDER DRILL-ON INSTALLATION (SEE REVERSE).**
- The base of the Stick A Stud™ "D" can be shaped by bending or folding along the indented lines

FOR CONCAVE OR CONVEX SURFACES



FOR ANGLED SURFACES



- In some instances the Stick A Stud™ "D" fastener's base may require trimming. Simply cut as required



INSTALLATION:

- 1) Snap all Stick A Stud™ "D" fasteners to the bug screen while ensuring the protective backings remain intact.
- 2) Position the bug screen on the vehicle and note where each Stick A Stud™ "D" fastener will be located to ensure there will be maximum surface contact at each installation point.
- 3) Temporarily fasten the bug screen with masking tape to the vehicle.
- 4) Remove protective backing from a corner Stick A Stud™ "D". **AVOID TOUCHING ADHESIVE.**
- 5) Apply firm pressure for 10 seconds.
- 6) Apply the next Stick A Stud™ "D" fastener ensuring that no stress is applied to other fasteners when installing the bug screen. **CAUTION: A MINIMAL AMOUNT OF STRESS ON THE BUG SCREEN FROM SIDE TO SIDE AND TOP TO BOTTOM IS RECOMMENDED. EXCESSIVE STRESS WILL CAUSE IMPROPER INSTALLATION.**
- 7) Attach remaining Stick A Stud™ "D" fasteners along top and bottom.
- 8) Carefully remove bug screen.
- 9) Again apply firm pressure to each Stick A Stud™ "D" fastener. **INSTANT BOND CAN BE INCREASED BY USING HAIR DRYER ON HIGH FOR 2-3 MINUTES ON EACH INSTALLED STUD.**
- 10) Allow a minimum of 24 hours before use. See chart below



Peel away Stick-a-Stud™ fasteners protective backing



Adhere Stick-a-Stud™ fasteners to vehicle



Snap on Winter Front or Bug Screen

BOND STRENGTH

TIME	BOND
20 minutes	50%
60 minutes	75%
24 hours	90%
72 hours	100%

OPTION 2 – DRILL ON INSTALLATION WITH SELF-TAPPING SCREWS AND STUDS INCLUDED:

Requires a drill with a 3/32" bit, masking tape and paper for template (newspaper will do)

- 1) Place bug screen face down and stretch out tight.
- 2) Cut a template from paper.
- 3) Mark the centers of all domes ensuring the paper does not slip.
- 4) Place template against grill. After lining up the dome marks tape template into place. Double check to ensure all dome marks are lined up to an area suitable for drilling.
- 5) Using the 3/32" drill bit drill through the template where the dome centers are marked.
- 6) Remove template.
- 7) Securely fasten the studs to the grill with screws. Do not over tighten
- 8) Snap on bug screen or winter front.

Additional Stick A Stud™ "D" fasteners are available; part number HK104
They are also available in white; part number HK104-WHITE
Kits with studs and screws are also available; part number HK103

NOTES

- Models requiring adhesive velcro installation:

Step 1 - BEFORE APPLYING VELCRO:

- Ensure the area where velcro strips are to be attached is clean and dry.
- Remove protective backing
- Secure in place by pressing firmly on velcro

Step 2 - Attach adhesive backed velcro strip to the underside of the grill frame to line up with velcro on bug screen. On some vehicles the adhesive backed velcro strips require mounting on the front of the grill frame or under the hood on the radiator frame.

- Models requiring attachment to grill face and bumper for installation:

WF921-24, WF924-6, WF926-7, WF927-3, WF929-34, WF929-48

- Models requiring attachment to the top of the grill frame under the hood and to the bumper:

WF925-7, WF927-32, WF927-33, WF929-45

- Models requiring attachment to the hood: WF921-17, WF921-19, WF921-20, WF921-21, WF921-27, WF923-4, WF925-42, WF929-281, WF929-46,

- Models requiring attachment to grill face and to top of the grill frame under the hood: WF921-15, WF921-16, WF921-22, WF922-9, WF924-11, WF924-12, WF924-7, WF924-8, WF925-6, WF925-71, WF926-81, WF926-9, WF927-4, WF927-34, WF928-2, WF929-22, WF929-26, WF929-361, WF929-42, WF929-43

- On some models there are more domes than are required for installation. Align unit with grill to determine which domes are required.