

QUICK START GUIDE - NAKS Kitchen Ventilation Systems

- Model SW-NAKS-CK – Single-Wall Grease Duct
- Model DW-NAKS-CK-RC – Double-Wall 1.25" Fiber Insulated, Reduced Clearance Grease Duct
- Model DW-NAKS-CK-ZC – Double-Wall 3.25" Fiber Insulated, Zero Clearance Grease Duct

This addendum applies to NAKS-CK Grease Duct systems. Read and refer to the main NAKS-CK installation instructions for complete details including proper clearance to combustibles and other guidelines. Failure to do so may result in a hazardous installation. Contact NAKS if there any questions regarding these instructions.

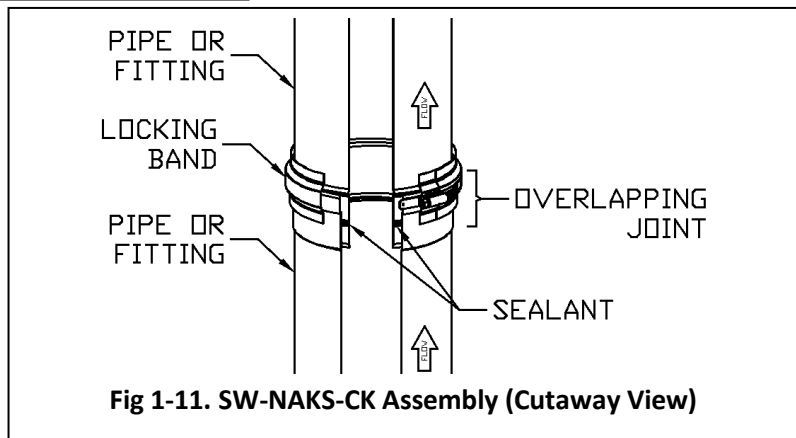
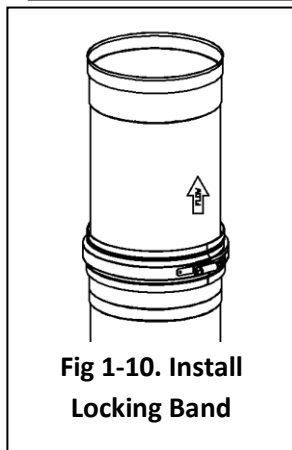
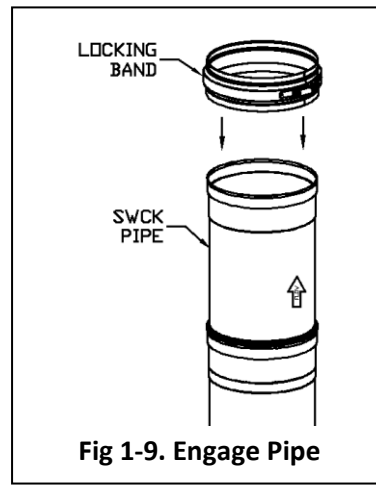
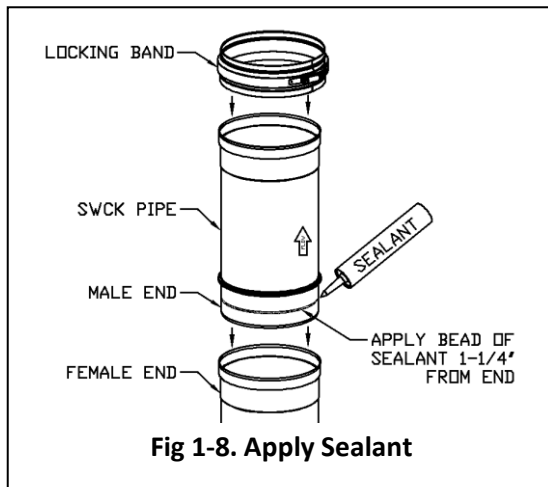
Joint Assembly: SW-NAKS-CK

Joint Assembly – Model SW-NAKS-CK

The Model CK joint system is designed for a quick and easy installation. See Figs 1-8 to 1-11.

To Assemble:

1. Clean / prepare the surfaces where sealant is to be applied.
2. Select correct sealant based on flue gas and application: J-600 Sealant is for Flue Gas temperatures up to 600F for low temperature heating system or Grease Duct. Sealant usage is shown in Table 1-4.
3. Apply J- Sealant continuously (1/4" bead minimum) to the male end of the inner flue pipe. Sealant is to be approximately 1-1/4" from the end of pipe. (See Fig 1-8)
4. Position both pipes so they are in alignment. Engage the pipes and press them together until they completely engage by 2.2". (See Fig 1-9)
5. Position the Locking Band (LB) around the joint and ensure the LB spans over the bead on the male end and over the female socket. See Figs 1-10 & 1-11.
6. Secure LB, using 5/16" nut driver or flat-head screwdriver to tighten gear clamps



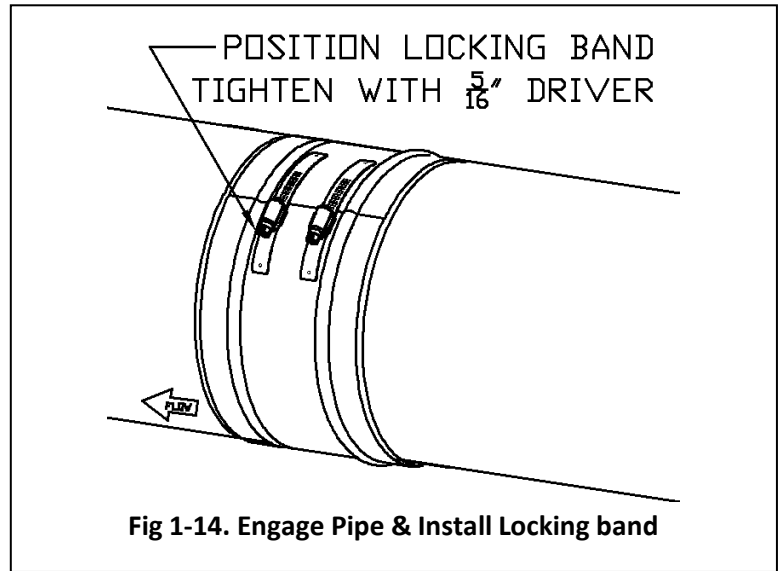
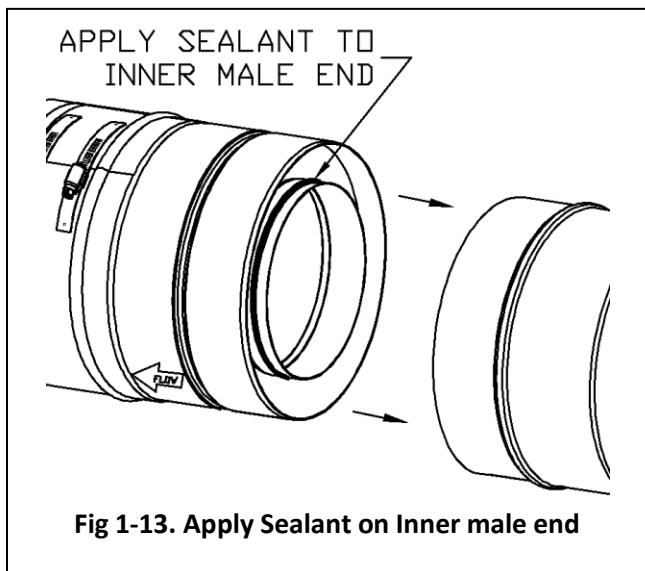
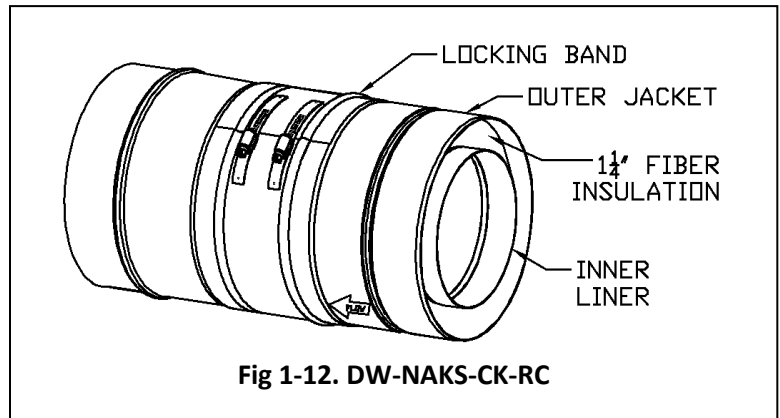
Joint Assembly: DW-NAKS-CK-ZC & DW-NAKS-CK-RC

Joint Assembly – Model DW-NAKS-CK-ZC & DW-NAKS-CK-RC

The Model CK joint system is designed for a quick and easy installation. See Figs 1-12 to 1-15.

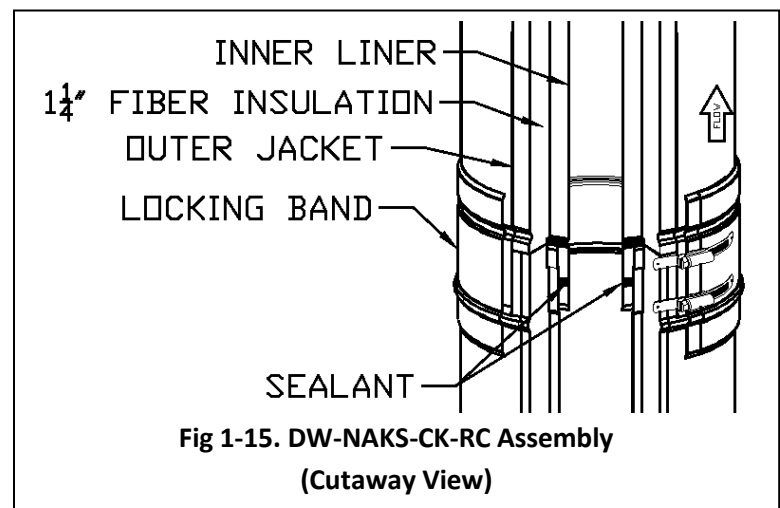
To Assemble:

1. Clean / prepare the surfaces where sealant is to be applied.
2. Select correct sealant based on flue gas and application: J-600 Sealant is for Flue Gas temperatures up to 600F for low temperature heating system or Grease Duct. Sealant usage is shown in Table 1-4.
3. Apply J- Sealant continuously (1/4" bead minimum) to the male end of the inner flue pipe. Sealant is to be approximately 1-1/4" from the end of pipe. (See Fig 1-13)
4. Position both pipes so they are in alignment. Engage the pipes and press them together until they completely engage by 2.2". (Fig 1-14)
5. Position the Locking Band (LB) around the joint and ensure grooves in LB are seated in the Pipe grooves. (See Fig 1-15)
6. Secure LB, using 5/16" nut driver or flat-head screwdriver to tighten gear clamps



Installed Vent Length

Due to the engagement of the vent sections, the effective installed length of any vent pipe or fitting is 2-3/16" less than the described length.



Support & Guiding

NAKS-CK Grease Duct must be supported to sustain the vertical load of the duct and supported horizontally to maintain proper alignment of the system and resist lateral wind loads. Several support options are available. Refer to main instructions for maximum support height capabilities. For all support options, ensure non-combustible hanger straps (or similar) are secured into joists or other solid structures. Ensure all minimum clearances to combustibles are maintained. Never drill or screw through the vent system. Additional support must always be located at an elbow or offset to prevent unacceptable stress on that fitting.

Anchor Plate Support (APS)

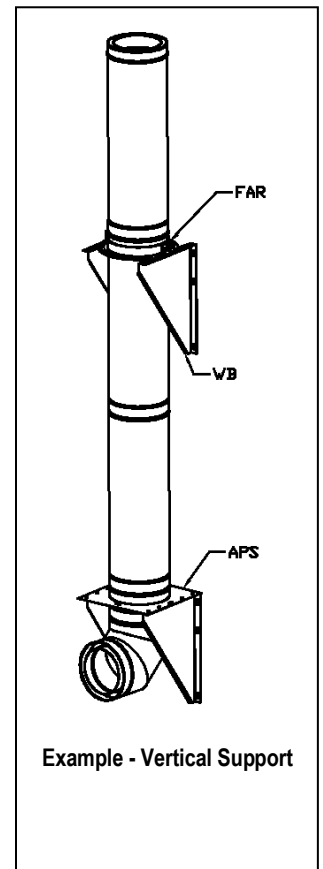
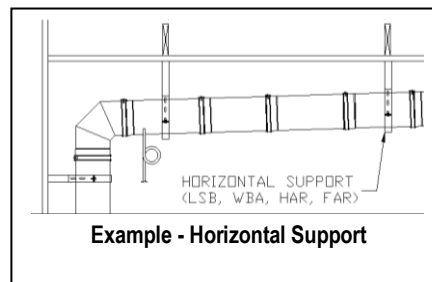
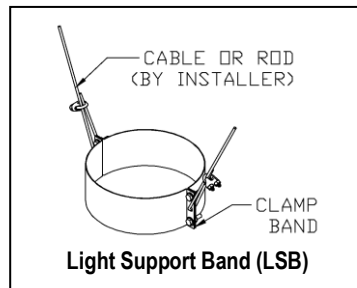
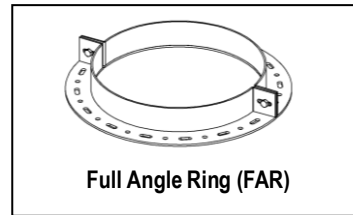
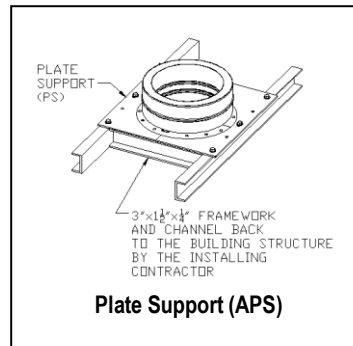
The Anchor Plate Support is intended to provide support to vertical or horizontal sections. The Anchor Plate Support must be anchored to rigid structural members by the installing contractor. The structural project engineer should select support members in accordance with good engineering practice to suit each specific application.

Full Angle Ring (FAR)

The Full Angle Ring is used as a vertical guide to keep system aligned and provide lateral support against wind. It is braced to the building structure by the installing contractor. It can also be used to provide support in horizontal configurations.

Light Support Band (LSB)

The Light Support Band can also be used to provide support/guide in horizontal or vertical installations. The band firmly clamps around the pipe outer jacket with four (4) 1/4" x 20 stainless steel nuts and bolts (included). Wires or threaded rods (by the installing contractor) connect to the LSB and are secured back to the building structure.



Adapters & Terminations

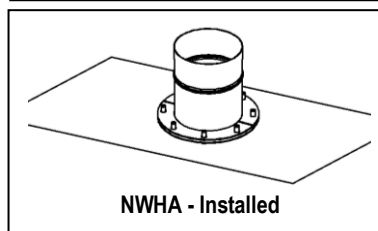
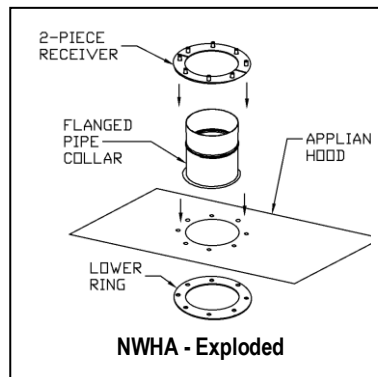
NAKS-CK Grease Duct systems are intended to be installed as a complete system. Adapters are available to transition from NAKS-CK grease duct to a hood or fan by another manufacturer. Some of these adapters are shown here. Additionally, it is also permissible to transition to and from NAKS-CK Grease Duct to a code compliant, field fabricated, rectangular or round, welded steel grease duct and back again. Refer to main installation instructions or contact NAKS regarding these custom transitions.

No-Weld Hood Adapter (NWA)

Connects NAKS-CK Grease Duct to a kitchen exhaust hood without the need for field welding.

To Install:

1. Using the Lower ring as a template, scribe and cut center hole and pilot holes in Appliance Hood
2. Align Flanged Pipe Collar on top of appliance hood
3. Apply Gasket between collar connection and appliance hood
4. Align 2-Piece Receiver on top of Flanged Pipe Collar
5. Install Bolts in the lower ring, through Appliance hood and into 2-piece receiver and tighten securely.



Fan Plate Adapter (FP)

The FP transitions the grease duct system to a heavier gauge flat plate where a termination fan is connected. The Fan Plate is designed to set directly on top of the roof curb (by others). The installing contractor uses bolts or screws through the plate to secure it to the curb.

