

1. Camera Skids

Camera skids are devices that attach to the camera head to 1) keep the camera head off the floor of the pipe to help avoid pushing up debris and dirt, which will end up on the camera lens, blocking your view, 2) allow the camera LED lighting to function better by keeping the lights more centered in the pipe allowing a more even spread of light on the pipe walls and ahead and 3) provide protection to the camera head by giving a shoveling effect which allows the camera head to be lifted over offsets and objects which helps prevent the camera head from making direct contact with them. Lastly, the skids will help increase the pushing distance of the camera and pushrod by providing a more non-binding material to slide against plastic, clay, metal, and cement pipes. There are a variety of skids for specific uses and camera sizes and a few different methods of attaching the skids to the camera system.

1.1. Camera and Spring Skids, Installing and Removing

The vCamDrain system uses various types of skids.



Standard Skids



Guide Skid



Spring Skid (for vCam Drain)

1.2. Standard Skids, screw in setscrews, D18-HD, D26-HD, D34 and D46 series

The standard skids ship installed on the camera head.

Tools Needed: Flat screwdriver, 2.5mm for MX and Drain camera and 3mm for CP reel standard skids.

1. Use the screwdriver to back out the three set screws so the camera head will slide unobstructed into the standard skid.
2. Slide the camera head into the standard skid until the head is flush with the front.
3. Use the screwdriver to secure the standard skid to the camera head.

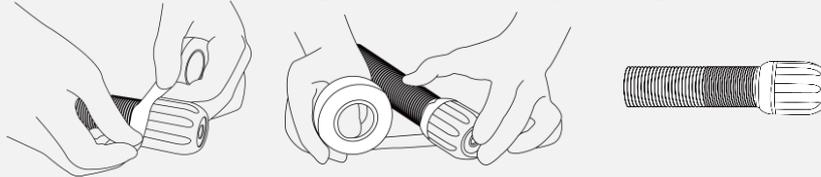




Do not overtighten the set screws. This may result in stripping the set screw, the skid threads or damage to the camera housing.



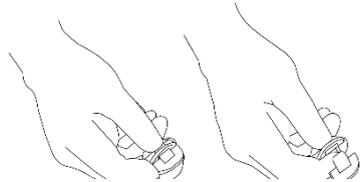
Apply a layer of electrical tape over the screw holes on the installed skid. This will help keep debris from filling the screw slot, making removing them easier.



1.3. Spring Skids, Clamp around the camera spring, D18-HD on the vCamDrain Spring

Tools Needed: None.

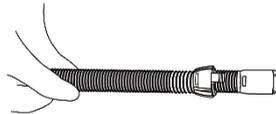
1. Press the locking tab to open the spring skid.



2. Present the open skid to the spring.



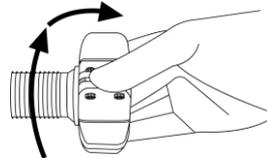
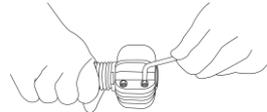
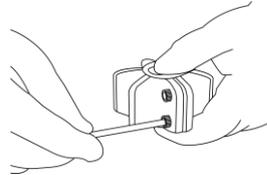
3. Close the skid and press until the locking tab clicks and locks into the mating part.



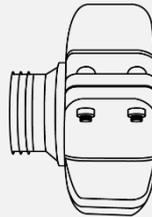
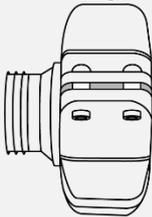
1.4. Guide Skids, Clamp around the camera head, D18-HD, D26-HD, D34 series and D46 series

Tools Needed: 4mm Hex wrench.

1. Use a hex key and loosen the screws so the skid will slide unobstructed onto the camera head.
2. Slide the camera head into the skid until the head is flush with the front.
3. Use a hex key to secure the skid to the camera head.
4. Check that the skid is secure by turning and pulling it simultaneously.



Refrain from attempting to close the guide skid fins together completely. Doing so can result in damage to the camera head or the skid.



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