

Important Hose Information

Failure to follow these details could result in hose failure

Hydraulic hoses require a specified amount of bend radius. Below we have illustrated two examples of acceptable installation radius and one of unacceptable radius. Please understand that failure to follow these guidelines you may experience a hose failure. Attention to detail is required.

Hydraulic hoses expand when under pressure. When a hose is “forced” into place, that is a sign that the minimum bend radius is exceeded. If you need to force the hose at an angle to connect to the mating fitting then you have exceeded the minimum radius. **YOU are responsible to ensure location of the filter is positioned so the bend radius is followed.** Follow the photo’s below for incorrect and correct radius when installing your IFS system.

The photo below shows an unacceptable bend radius. Upon hose expansion the hose to socker forces can cause either leakage or socket disengagement.

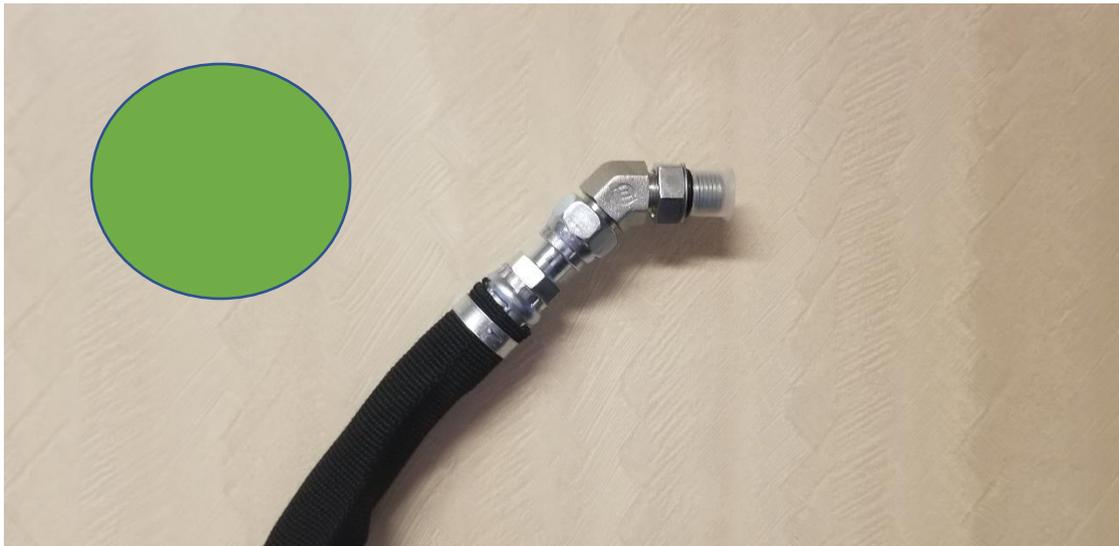


UNACCEPTABLE BEND RADIUS

The photo below shows an acceptable bend radius. When the hose expands and contracts, the action is now across the entire length of the hose. The hose should lay against the mated fitting inline with little to no force to align the threads.



Included in your IFS kit is a forged 45 degree adaptor shown below that will permit another means to reduce possible bend radius issues. The included fitting replaces the straight fitting in the engine head if your application requires use.



Please call IFS if you have any questions: 330 416-5626

