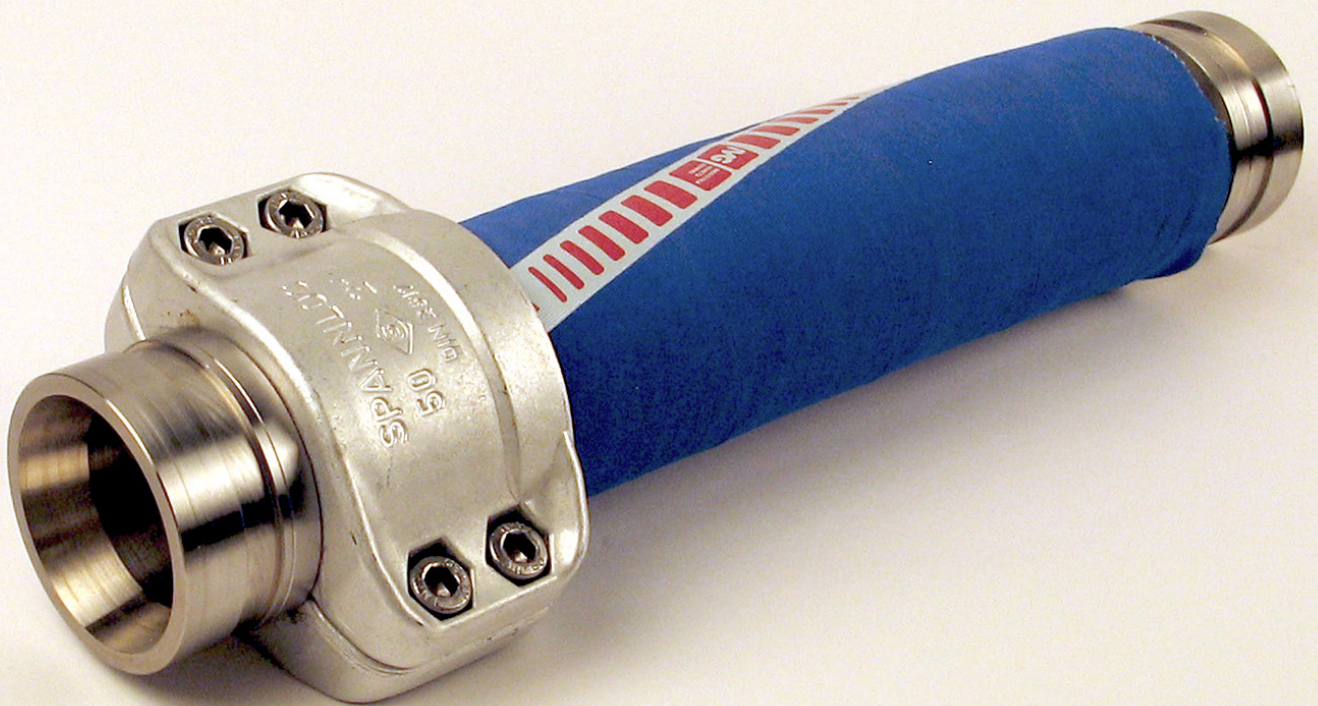


Instruction

Right and wrong Hose assembly routing tips

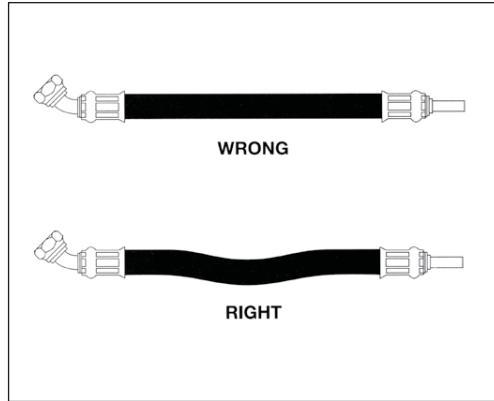


Correct hose installation is essential for satisfactory performance. A too long hose will involve extra costs, and the installation will appear disorganized. Too short hose connections will not allow adequate flexing and length variations required for expansion or contraction, and the hose service life will thus be reduced.

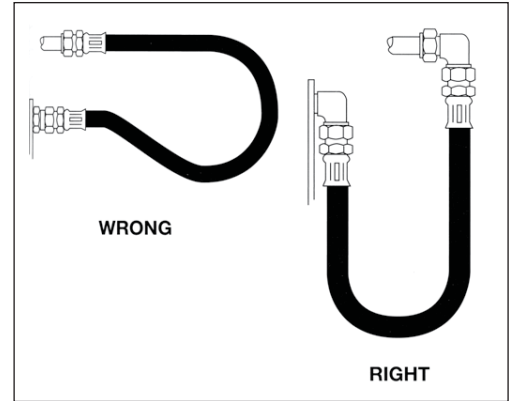
The following diagrams show correct hose installations providing maximum performance and cost savings.

Check with these examples when fixing the length of a specific assembly.

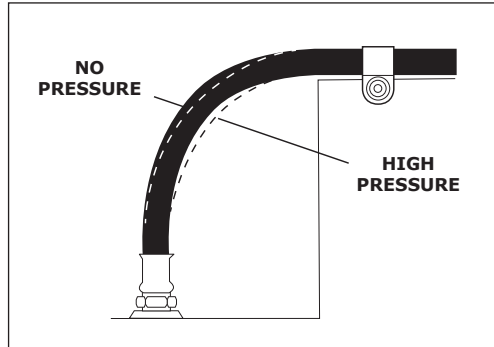
Allow the hose to slacken at straight hose installations to provide for length variations when applying pressure.



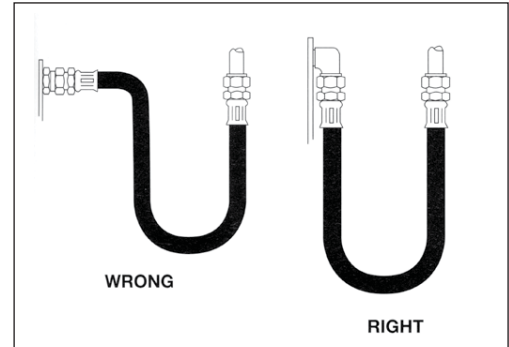
At radius below required minimum, angle adaptor must be used to prevent sharp bends.



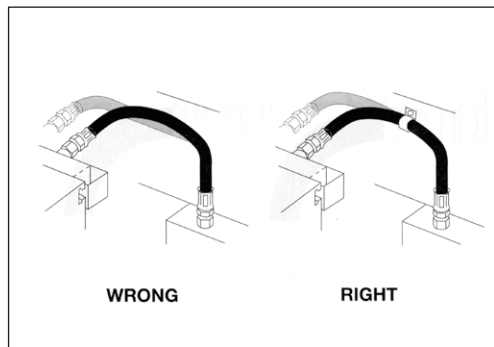
To allow hose to expand when pressurized, clamps should not be used at bends. Do not clamp high and low pressure lines together.



Use proper angle adaptors to avoid sharp twist or bend of hose.



Hoses required bent over two planes must be clamped at change of plane to prevent twisting.

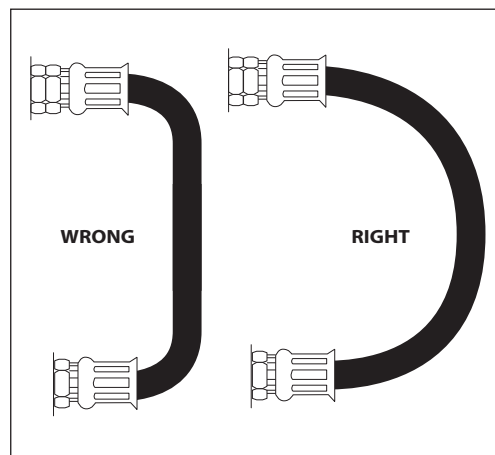
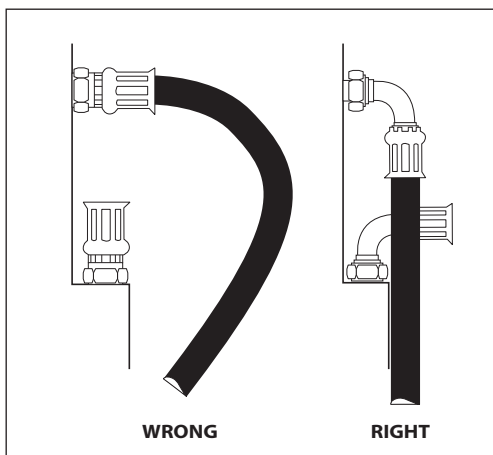


Instruction

Right and wrong - Hose assembly routing tips

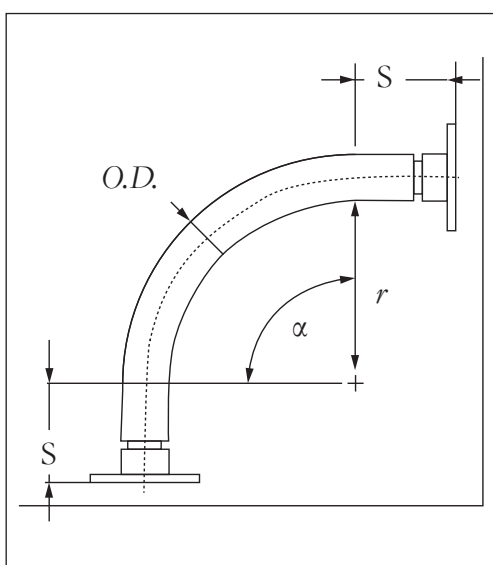
Elbows and adaptors should be used to relieve strain on the assembly and to provide well-organized installations to facilitate access for inspection and maintenance.

To prevent hose collapse and flow restriction, hose bend radii should be kept as large as possible. Refer to hose specification tables for minimum bend radii.



Hose specification tables:

O.D.	S		r		Max. pressure	
	inch	mm	inch	mm	bar	psi
1	79	3.11	152	6.08	82	1,189
1.5	85	3.35	250	9.84	82	1,189
2	115	4.53	630	24.80	80	1,160
3	150	5.90	300	11.80	80	1,160
2	89	3.50	170	6.70	6	87
3	116	4.57	170	6.70	6	87
2.5 - 3	116	4.57	180	7.09	20	290



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