



# E-Z CLIP



## **EZ Clip System**

Over 4 million EZ Clip connectors are enhancing the quality of air conditioning and refrigeration systems all over the world. Providing incredible ease of use and the lowest possible permeation rates for A/C systems, the E-Z Clip system leads the industry in value and performance in even the most demanding applications.

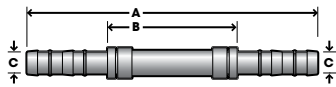


# A/C Fittings

## SPLICERS

### Straight Splicer

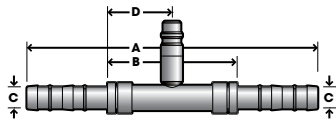
With Low Side Charge Port (134a)



Hose Size	
70R8216	#6
70R8218	#8
70R8211	#10
70R8212	#12

### Splicer

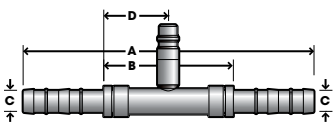
With Low Side Charge Port (134a)



Hose Size	
70R8271	#10
70R8272	#12

### Splicer

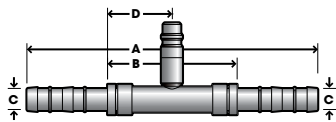
With High Side Charge Port (134a)



Hose Size	
70R8276	#6
70R8278	#8
70R8261	#10

### Splicer

With R12 Charge Port



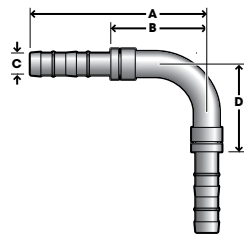
Hose Size	
70R8066	#6
70R8068	#8
70R8061	#10
70R8062	#12

For dimensional details refer to Red Dot's 2011 All Makes Heavy-Duty Heating & Air Conditioning Parts Catalog, pages 267-280.

RD-5-15507-0P Rev-

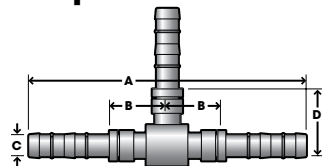
Copyright©2015 by RED DOT CORPORATION P.O.Box 58270, Seattle WA 98138-1270

### 90° Splicer



Hose Size	
70R8296	#6
70R8298	#8
70R8291	#10
70R8292	#12

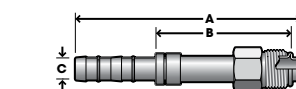
### "T" Splicer



Hose Size	
70R8288	#8
70R8281	#10
70R8282	#12

## MALE O-RING

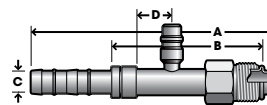
### Straight Male O-Ring



Hose Size	
70R8306	#6
70R8716	#6 to #8
70R8308	#8
70R8301	#10
70R8711	#10 to #12
70R8302	#12

### Straight Male O-Ring

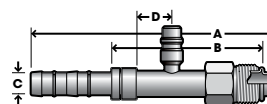
With High Side Charge Port (134a)



Hose Size	
70R8688	#8

### Straight Male O-Ring

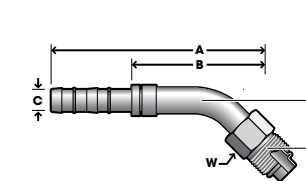
With Low Side Charge Port (134a)



Hose Size	
70R8681	#10 to #12

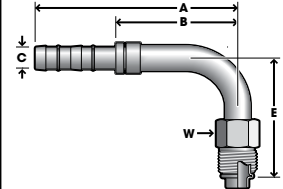
### 45° Male O-Ring

With Switch Port (134a)



Hose Size	
70R8346	#6
70R8348	#8
70R8341	#10

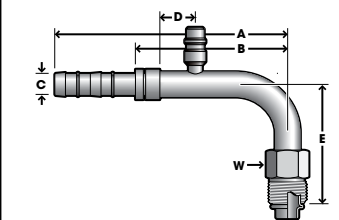
### 90° Male O-Ring



Hose Size	
70R8006	#6
70R8786	#6 to #8
70R8008	#8
70R8788	#8 to #10
70R8001	#10
70R8781	#10 to #12
70R8002	#12

### 90° Male O-Ring

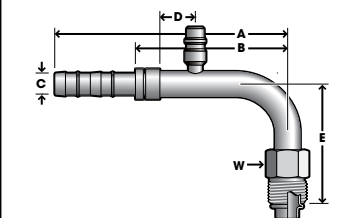
With Low Side Charge Port (134a)



Hose Size	
70R8598	#12

### 90° Male O-Ring

With High Side Charge Port (134a)

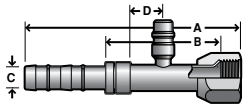


Hose Size	
70R8398	#8

## FEMALE O-RING

### Straight Female O-Ring

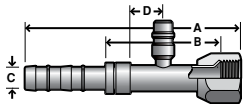
With High Side Charge Port (134a)



Hose Size	
70R8206	#6
70R8208	#8

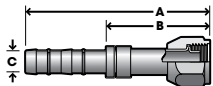
### Straight Female O-Ring

With Low Side Charge Port (134a)



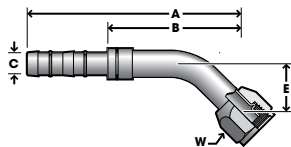
Hose Size	
70R8201	#10
70R8621	#10 to #12

### Straight Female O-Ring



Hose Size	
70R8606	#6
70R8706	#6 to #8
70R8608	#8
70R8708	#8 to #10
70R8601	#10
70R8701	#10 to #12
70R8602	#12
70R8702	#10 to #12

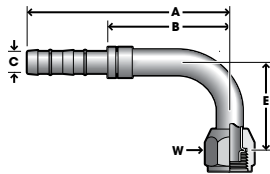
### 45° Female O-Ring



Hose Size	
70R8646	#6
70R8648	#8
70R8641	#10

70R8642	#12
70R82511	#10 to #12

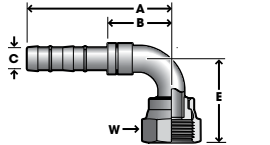
### 90° Female O-Ring



Hose Size	
70R8696	#6
70R8796	#6 to #8
70R8698	#8
70R8798	#8 to #10
70R8691	#10
70R8791	#10 to #12
70R8692	#12

### 90° Female O-Ring

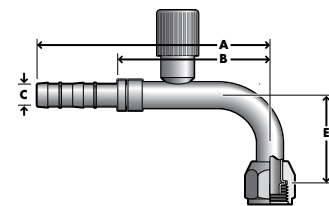
(ORS) Flat Face O-Ring Seal



Hose Size	
70R82256	#6
70R82258	#8
70R82251	#10
70R82252	#12
70R82261	#10 to #12

### 90° Female O-Ring

With Low Side Charge Port (134a)

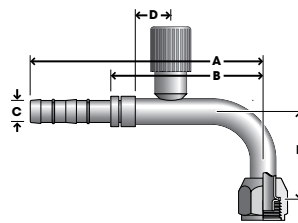


Hose Size	
70R8091	#10

70R8761	#10 to #12
70R8092	#12

### 90° Female O-Ring

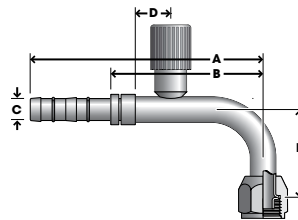
With High Side Charge Port (134a)



Hose Size	
70R8198	#8 to #10
70R8096	#6
70R8098	#8

### 90° Female O-Ring

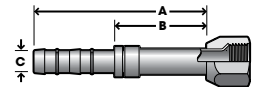
With 1/16" Switch Port



Hose Size	
70R8996	#6"
70R8998	#8"
70R8891	#10 to #12"
70R8221	#10

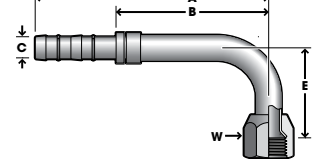
## FEMALE FLARE

### Straight Female Flare



Hose Size	
70R8246	#6
70R8248	#8
70R8241	#10
70R8242	#12

### 90° Female Flare



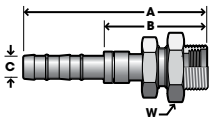
Hose Size	
70R8256	#6
70R8258	#8
70R8251	#10

For dimensional details refer to Red Dot's 2011 All Makes Heavy-Duty Heating & Air Conditioning Parts Catalog, pages 267-280.

## BULKHEAD

### Bulkhead Fitting

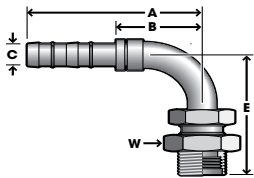
Straight Fitting



	Hose Size
70R8886	#6
70R8888	#8
70R8881	#10

### Bulkhead Fitting

90° Fitting

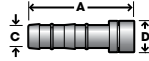


	Hose Size
70R8086	#6
70R8088	#8
70R8071	#10
70R8591	#10 to #12

For dimensional details refer to Red Dot's 2011 All Makes Heavy-Duty Heating & Air Conditioning Parts Catalog, pages 267-280.

## BRAZE

### "Lifesaver" Braze Nipple



	Hose Size
70R8556	#6
70R8558	#8
70R8551	#10
70R8511	#10 to #12
70R85312	#12


**QUICK REFERENCE GUIDE**

# Installation Accessories & Tools

## CAGES

Fitting to hose attachment — Packages of 10

Factory No.	Size
<b>70R8806</b>	#6
<b>70R8808</b>	#8
<b>70R8801</b>	#10
<b>70R8802</b>	#12



## CLIPS

Hose/Cage connection — Packages of 10

	Size		Size
<b>70R8826</b>	#6	<b>70R8821</b>	#10
<b>70R8828</b>	#8	<b>70R8822</b>	#12

## CAPS

Threaded protective caps — Packages of 20  
Description

<b>75R5555</b>	E-Z Clip Low Side Cap
<b>75R5556</b>	E-Z Clip High Side Cap

## TOOL KIT

**79R8915**



## CONNECTING TOOL

**79R8920**



## HOSE CUTTER & BLADE

**79R8930**



**79R8931**

Replacement Blade for 79R8930 above

## HOSE

Size	Box (50 ft)	Spool (length)
#6 Hose	<b>78R8456</b>	<b>78R8456SP</b> (560 ft)
#8 Hose	<b>78R8458</b>	<b>78R8458SP</b> (575 ft)
#10 Hose	<b>78R8451</b>	<b>78R8451SP</b> (550 ft)
#12 Hose	<b>78R8452</b>	<b>78R8452SP</b> (367 ft)

Use with Aeroquip® E-Z Clip Fittings ONLY



## O-RINGS

**70R8836**

#6



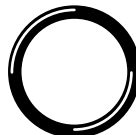
**70R8838**

#8



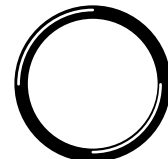
**70R8831**

#10

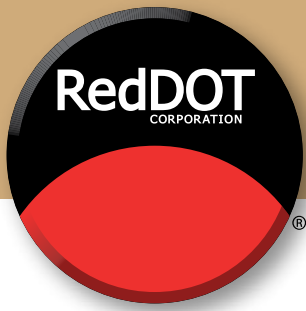


**70R8832**

#12







**INSTRUCTIONS**

# E-Z Clip Assembly

### Cut the Hose

Cut the hose to proper length with an appropriate cutting tool. Aeroquip's hand-held cutter (79R8930) has been specially designed for cutting all non-wire reinforced hose. Be sure the cut is made square to the hose length.



### Slip Two Clips on the Hose

Slide two clips (be sure to use the correct size) onto the cut end of the hose. The orientation of the clips does not affect the performance of the connect. However, for ease of assembly, both clips should be oriented in the same direction. **NOTE:** If you don't slide the clips over the hose at this time, you will have to stretch the clips over the hose and fitting later. This may permanently damage the clip.



### Oil the Nipple

Lubricate the nipple with a generous amount of the refrigeration or A/C system's compressor lubricating oil. This **MUST** be done to lower the force of nipple insertion.



### Insert the Nipple into the Hose

Insert the nipple into the hose. To ensure that the nipple is fully inserted, check the gap between the cut end of the hose and the shoulder of the nipple. Care should be taken to avoid kinking or other damage to the hose during this step. **NOTE:** Be sure to wipe excess oil from the nipple and hose.



### Snap on the Cage

Snap the cage into the groove on the nipple. The arms of the cage should extend over the hose-covered length of nipple. When the cage has been correctly installed in the cage groove, the cage will be able to rotate in the groove. This step **MUST** be performed to ensure that:

1. The clips will be located over the O-Rings on the nipple.
2. The connection will be compatible with the connection's pressure rating.



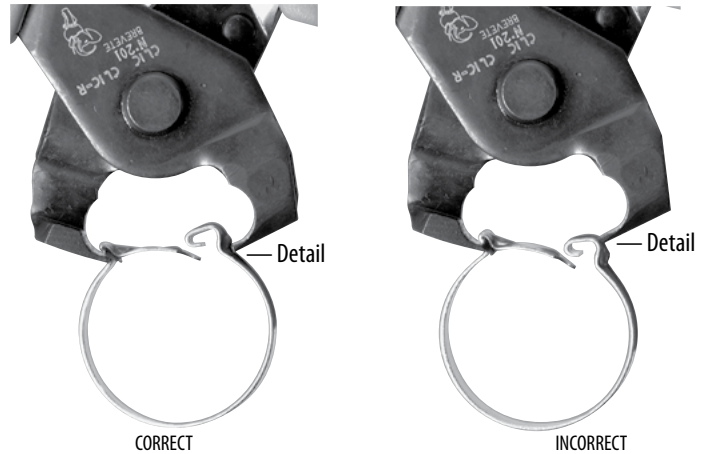
### Position the Clips

Slide the clips over the cage arms and into the channels on each arm of the cage.

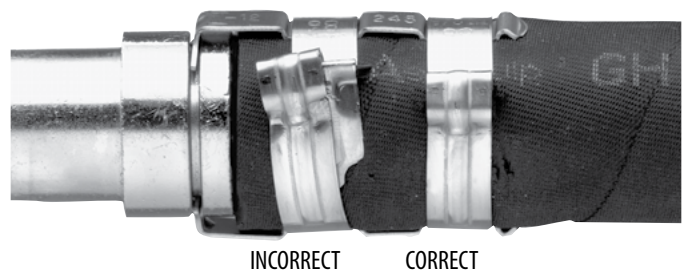


### Close the Clips

Using the Connecting Tool (79R8920) to close the clips. The tool should be positioned squarely on the clip connection points and should remain square as pressure is applied and the clip is closed.



The nose of the plier should be firmly seated under the assembly bump and lock latch. If the pliers are not kept square as you close the clip, the clasp may have an offset. Use the pliers to correct the clasp alignment.



**NOTE:** E-Z Clip components should not be reused.

