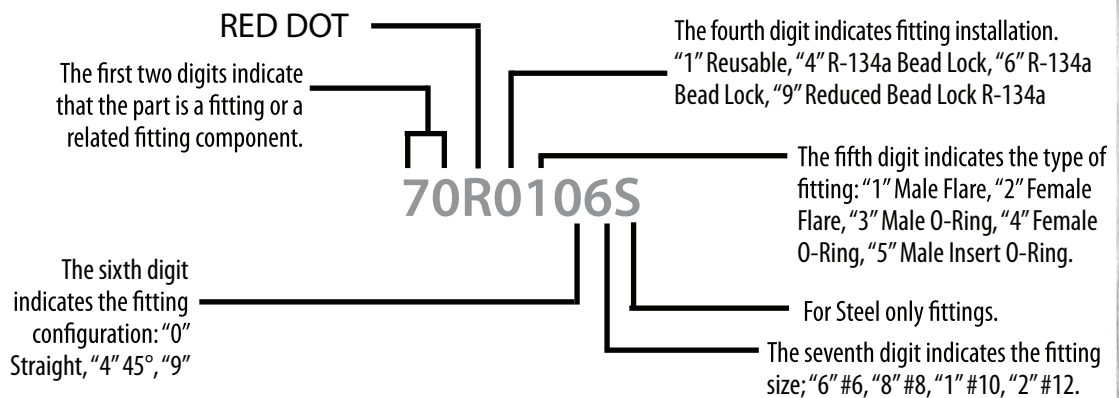


70R SERIES

Fittings

Hose Accessories

REFRIGERANT HOSE FITTING NUMBERING SYSTEM



CLIMATRANS INC.

www.climatrans.com

Eastern Canada

GUIDE TO FITTINGS

Circulating the refrigerant in an air conditioning system is more complex than the plumbing required for a heater. Circulating heated antifreeze and water only stresses the hoses and their connectors with around 15 psi. A fully charged and properly maintained a/c system sustains a much higher load. When the system is off it's in the neighborhood of 65-125 psi, when in use you'll see around 275 psi on the high-side and 35-40 psi on the low side. For that reason, greater care must be taken whenever work-

ing on an air conditioning system.

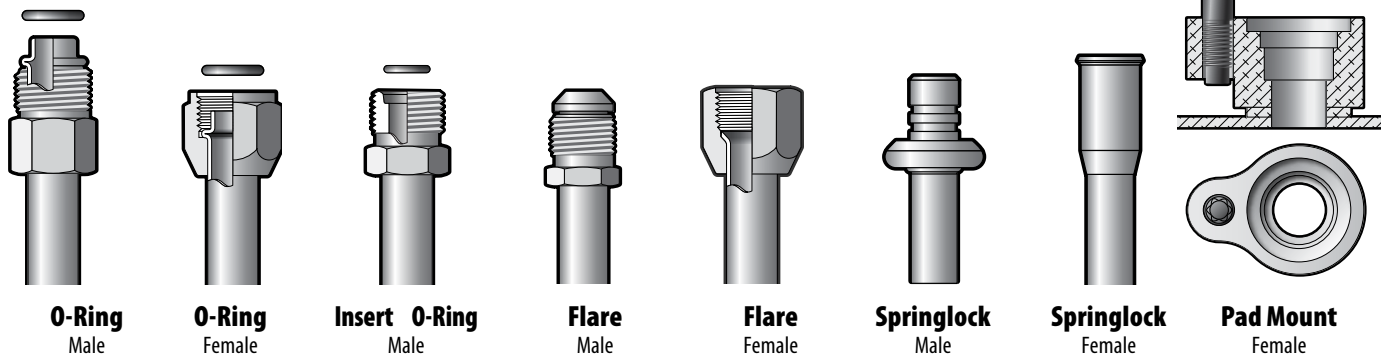
Recent environmental concerns have resulted in more stringent standards for connecting air conditioning hoses for vehicles and heavy equipment. This is particularly true for systems using R-134a refrigerant. R-134a is more likely to permeate or leak than the now retired R-12 refrigerant. Because of this it is very important to match the fitting with the correct hose. On the following pages you will find Red Dot recommendations for

the correct hose/fitting combinations.

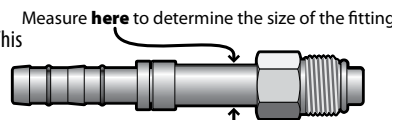
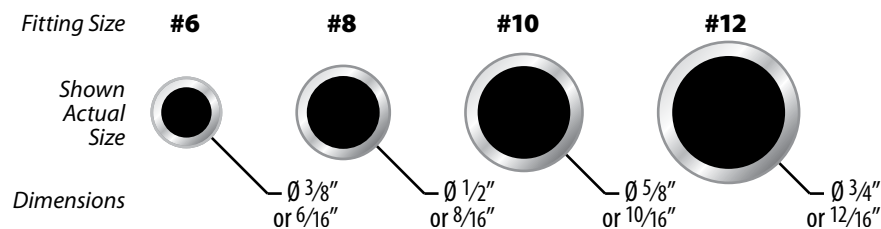
R-12 refrigerant was banned for manufacture in the United States on January 1, 1996. However, maintenance shops still find they need to support older systems. Any fitting that is suitable for R-134a will also work for older systems needing repair that use R-12.

Fitting Identification

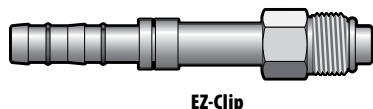
1. Determine the **Fitting Type**: male or female o-ring, male insert o-ring, male or female flare, male or female springlock, or pad.



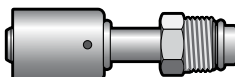
2. Determine the **Fitting Size**: measure the outside diameter (O.D.) of the tube directly behind the nut.
3. Check the hose-end size of the fitting. Measure the outside diameter of the part of the fitting that will insert in the hose. This is the same as the inside diameter (I.D.) of the hose.



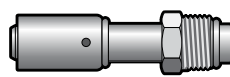
4. Is the fitting regular, step-up or step-down?
Regular: the hose-end size is the same as the fitting size. For example, a #6 hose-end and a #6 fitting.
Step-up: the hose-end size is larger than the fitting size. For example, a #8 hose-end and a #6 fitting.
Step-down: the hose-end size is smaller than the fitting size. For example, a #6 hose-end and a #8 fitting.
5. Is the fitting straight, 45° or 90°?
6. Is the connection to the hose EZ-Clip, Beadlock, Reduced Diameter Beadlock or reusable?



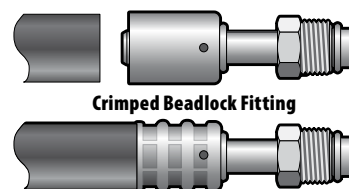
EZ-Clip



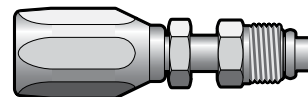
Beadlock



Reduced Diameter Beadlock



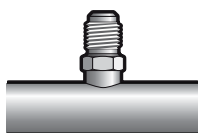
Crimped Beadlock Fitting



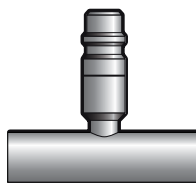
Reusable Fitting

7. Are there **Charge Ports**?

Many refrigerant fittings have charge ports for use when checking pressures or evacuating or refilling an air conditioning system. They come in two types: a simple Schrader valve and a quick-disconnect valve.



Schrader Valve
R-12 Service Port
R-134a Switch Port



Quick-Disconnect Valve
R-134a ONLY
13 mm – Low Side
16 mm – High Side



EAT•N

Aeroquip

REFRIGERANT HOSE FITTINGS

EATON

Aeroquip

All **Aeroquip E-Z Clip Refrigerant Fitting Kits** contain the fitting and all necessary cage, clips and o-rings. **Use with Aeroquip E-Z Clip hose ONLY.**

AEROQUIP® E-Z CLIP ASSEMBLY INSTRUCTIONS

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 connection. 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.



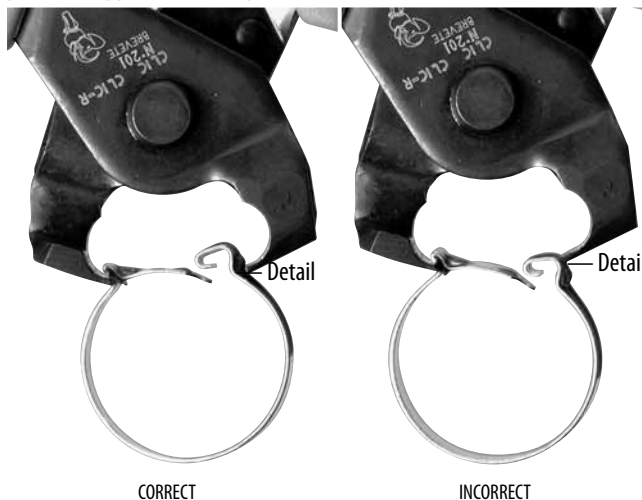
Position the Clips

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

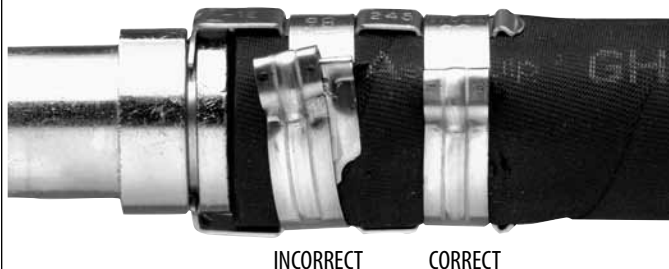


Close the Clips

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.



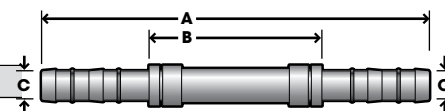
NOTE: E-Z Clip components should not be reused.


Aeroquip
REFRIGERANT HOSE FITTINGS

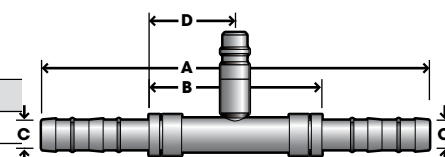
All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP SPLICER FITTING KITS
Splicer
Straight

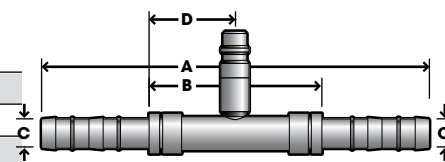
	Factory No.	Hose	Thread	A	B	C	D	E
70R8216	RD-5-10699-1P	6	N/A	4 $\frac{3}{8}$	1 $\frac{3}{8}$	$\frac{1}{4}$	N/A	N/A
70R8218	RD-5-10700-1P	8	N/A	4 $\frac{3}{4}$	1 $\frac{3}{8}$	$\frac{5}{16}$	N/A	N/A
70R8211	RD-5-10701-1P	10	N/A	5 $\frac{11}{16}$	2 $\frac{5}{8}$	$\frac{3}{8}$	N/A	N/A
70R8212	RD-5-10702-1P	12	N/A	4 $\frac{3}{4}$	1 $\frac{3}{8}$	$\frac{1}{2}$	N/A	N/A


Splicer
With Low Side Charge Port (134a)

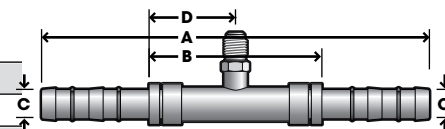
	Factory No.	Hose	Thread	A	B	C	D	E
70R8271	RD-5-10704-1P	10	N/A	5 $\frac{1}{2}$	2 $\frac{7}{16}$	$\frac{3}{8}$	1 $\frac{1}{4}$	N/A
70R8272	RD-5-10705-1P	12	N/A	5 $\frac{5}{8}$	2 $\frac{7}{16}$	$\frac{1}{2}$	1 $\frac{1}{4}$	N/A


Splicer
With High Side Charge Port (134a)

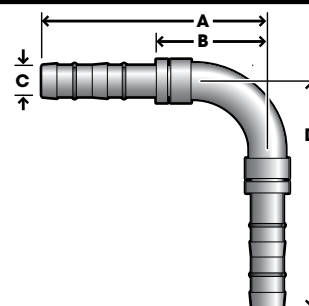
	Factory No.	Hose	Thread	A	B	C	D	E
70R8276	RD-5-10706-1P	6	N/A	5 $\frac{3}{8}$	2 $\frac{3}{8}$	$\frac{1}{4}$	1 $\frac{3}{16}$	N/A
70R8278	RD-5-10707-1P	8	N/A	5 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{5}{16}$	1 $\frac{1}{4}$	N/A
70R8261	RD-5-10708-1P	10	N/A	5 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{4}$	N/A


Splicer
With R12 Charge Port ($\frac{7}{16}$ - 20 thread)

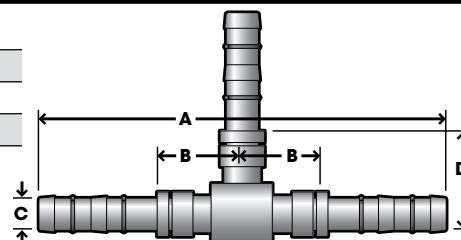
	Factory No.	Hose	Thread	A	B	C	D	E
70R8066	RD-5-10570-1P	6	N/A	5 $\frac{3}{8}$	2 $\frac{3}{8}$	$\frac{1}{4}$	1 $\frac{3}{16}$	N/A
70R8068	RD-5-10571-1P	8	N/A	5 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{5}{16}$	1 $\frac{1}{4}$	N/A
70R8061	RD-5-10572-1P	10	N/A	5 $\frac{1}{2}$	2 $\frac{7}{16}$	$\frac{3}{8}$	1 $\frac{1}{4}$	N/A
70R8062	RD-5-10573-1P	12	N/A	5 $\frac{5}{8}$	2 $\frac{7}{16}$	$\frac{1}{2}$	1 $\frac{1}{4}$	N/A


90° Splicer

	Factory No.	Hose	Thread	A	B	C	D	E
70R8296	RD-5-10578-1P	6	N/A	2 $\frac{3}{4}$	1 $\frac{3}{16}$	$\frac{1}{4}$	2 $\frac{3}{4}$	N/A
70R8298	RD-5-10579-1P	8	N/A	3	1 $\frac{7}{16}$	$\frac{5}{16}$	3	N/A
70R8291	RD-5-10580-1P	10	N/A	3 $\frac{1}{8}$	1 $\frac{1}{2}$	$\frac{3}{8}$	3 $\frac{1}{8}$	N/A
70R8292	RD-5-10703-1P	12	N/A	3 $\frac{11}{16}$	2 $\frac{1}{8}$	$\frac{1}{2}$	3 $\frac{11}{16}$	N/A


"T" Splicer

	Factory No.	Hose	Thread	A	B	C	D	E
70R8288	RD-5-11838-1P	8	N/A	5 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{5}{16}$	1 $\frac{1}{4}$	N/A
70R8281	RD-5-11839-1P	10	N/A	5 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{1}{4}$	N/A
70R8282	RD-5-11840-1P	12	N/A	5 $\frac{3}{4}$	1 $\frac{1}{4}$	$\frac{1}{2}$	1 $\frac{1}{4}$	N/A



REFRIGERANT HOSE FITTINGS

EAT•N

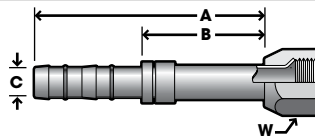
Aeroquip

All **Aeroquip E-Z Clip Refrigerant Fitting Kits** contain the fitting and all necessary cage, clips and o-rings. **Use with Aeroquip E-Z Clip hose ONLY.**

E-Z CLIP FLARE FITTING KITS

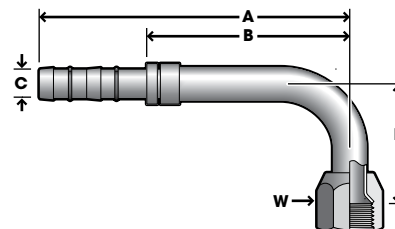
Straight Female Flare

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8246	RD-5-10690-1P	6	5/8" - 18	2 7/8	1 3/8	1/4	N/A	N/A	9/16
70R8248	RD-5-10691-1P	8	3/4" - 16	3	1 3/8	5/16	N/A	N/A	11/16
70R8241	RD-5-10692-1P	10	7/8" - 14	3 5/8	2	3/8	N/A	N/A	1
70R8242	RD-5-10693-1P	12	1 1/16" - 14	3 1/4	1 5/8	1/2	N/A	N/A	1 1/4



90° Female Flare

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8256	RD-5-11574-1P	6	5/8" - 18	2 1/2	1	1/4	N/A	7/8	3/4
70R8258	RD-5-11575-1P	8	3/4" - 16	2 3/4	1 7/32	5/16	N/A	1	7/8
70R8251	RD-5-11576-1P	10	7/8" - 14	3	1 1/2	3/8	N/A	1 3/16	1





Aeroquip

REFRIGERANT HOSE FITTINGS

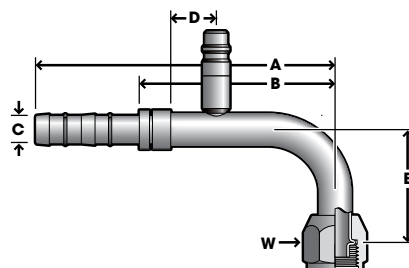
All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP O-RING FITTING KITS

90° Female O-Ring

With Low Side Charge Port (134a)

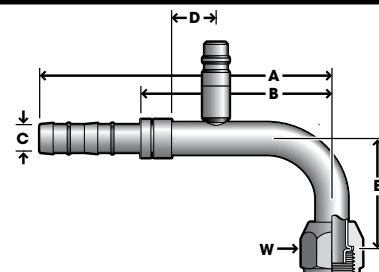
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8091	RD-5-10528-1P	10	7/8" - 14	4 7/8	3 5/16	3/8	5/8	1 7/8	1 1/16
70R8761	RD-5-10529-1P	10 to 12	7/8" - 14	4 7/8	3 1/4	1/2	5/8	1 7/8	1 1/16
70R8092	RD-5-10530-1P	12	1 1/16" - 14	5 1/8	3 1/2	1/2	5/8	2 9/16	1 1/4



90° Female O-Ring

With High Side Charge Port (134a)

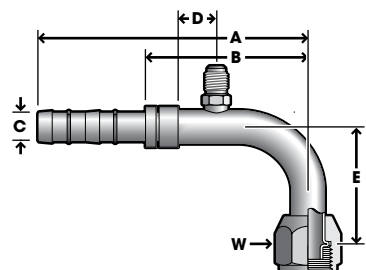
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8096	RD-5-10719-1P	6	5/8" - 18	4 3/8	2 7/8	1/4	5/8	1 3/8	3/4
70R8098	RD-5-10720-1P	8	3/4" - 16	4 5/8	3 1/16	5/16	11/16	1 5/8	7/8
70R8198	RD-5-10721-1P	8 to 10	3/4" - 16	4 1/2	3	3/8	11/16	1 5/8	7/8



90° Female O-Ring

With 7/16" Switch Port

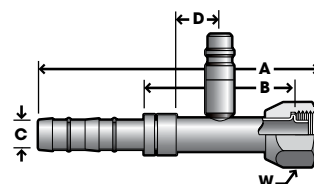
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8996	RD-5-10567-1P	6	5/8" - 18	4 5/16	2 13/16	1/4	11/16	1 5/16	3/4
70R8998	RD-5-10568-1P	8	3/4" - 16	4 5/8	2 9/16	5/16	11/16	1 5/8	7/8
70R8221	RD-5-11573-1P	10	7/8" - 14	4 3/4	2 3/4	3/8	5/8	1 15/16	1 1/16
70R8891	RD-5-10569-1P	10 to 12	7/8" - 14	4 13/16	2 3/4	1/2	5/8	1 15/16	1 1/16



Straight Female O-Ring

With Low Side Charge Port

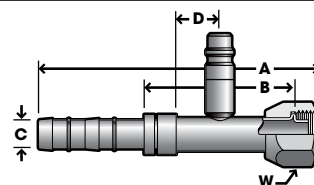
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8201	RD-5-10564-1P	10	7/8" - 14	4 1/4	2 1/4	3/8	5/8	N/A	1 1/16
70R8621	RD-5-10565-1P	10 to 12	7/8" - 14	4 1/4	2 1/4	1/2	5/8	N/A	1 1/16



Straight Female O-Ring

With High Side Charge Port (134a)

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8206	RD-5-12552-1P	6	5/8" - 18	3 7/8	2 1/8	1/4	5/8	N/A	3/4
70R8208	RD-5-10566-1P	8	3/4" - 16	4	2 1/8	5/16	5/8	N/A	7/8



REFRIGERANT HOSE FITTINGS

EATON

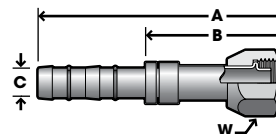
Aeroquip

All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP O-RING FITTING KITS

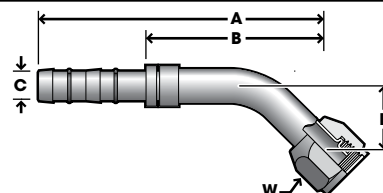
Straight Female O-Ring

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8606	RD-5-10508-1P	6	5/8" - 18	3 1/8	1 5/8	1/4	N/A	N/A	3/4
70R8706	RD-5-10509-1P	6 to 8	5/8" - 18	3 1/8	1 5/8	5/16	N/A	N/A	3/4
70R8608	RD-5-10510-1P	8	3/4" - 16	3 9/16	2	5/16	N/A	N/A	7/8
70R8708	RD-5-10511-1P	8 to 10	3/4" - 16	3 9/16	2	3/8	N/A	N/A	7/8
70R8601	RD-5-10512-1P	10	7/8" - 14	3 5/8	2 1/16	3/8	N/A	N/A	1 1/16
70R8701	RD-5-10513-1P	10 to 12	7/8" - 14	3 5/8	2 1/16	1/2	N/A	N/A	1 1/16
70R8702	RD-5-11572-1P	12 to 10	1 1/16" - 14	4 1/4	2 5/8	3/8	N/A	N/A	1 1/4
70R8602	RD-5-10515-1P	12	1 1/16" - 14	4 1/4	2 5/8	1/2	N/A	N/A	1 1/4



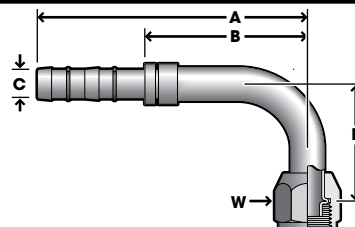
45° Female O-Ring

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8646	RD-5-10516-1P	6	5/8" - 18	3 5/8	2 1/16	1/4	N/A	5/8	3/4
70R8648	RD-5-10517-1P	8	3/4" - 16	3 13/16	2 3/8	5/16	N/A	3/4	7/8
70R8641	RD-5-10518-1P	10	7/8" - 14	4 3/8	2 13/16	3/8	N/A	1 3/16	1 1/16
70R82511	RD-5-11387-1P	10 to 12	7/8" - 14	4 1/2	2 7/8	1/2	N/A	1 1/4	1 1/16
70R8642	RD-5-10519-1P	12	1 1/16" - 14	5 11/32	3 3/4	1/2	N/A	1 1/2	1 1/4



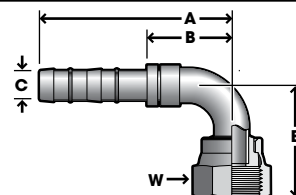
90° Female O-Ring

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8696	RD-5-10520-1P	6	5/8" - 18	3 5/16	1 3/4	1/4	N/A	1 3/8	3/4
70R8796	RD-5-10521-1P	6 to 8	5/8" - 18	3 5/16	1 3/4	5/16	N/A	1 3/8	3/4
70R8698	RD-5-10522-1P	8	3/4" - 16	3 3/4	2 1/4	5/16	N/A	1 5/8	7/8
70R8798	RD-5-10523-1P	8 to 10	3/4" - 16	3 3/4	2 1/4	3/8	N/A	1 5/8	7/8
70R8691	RD-5-10524-1P	10	7/8" - 14	4 1/4	2 5/8	3/8	N/A	1 7/8	1 1/16
70R8791	RD-5-10525-1P	10 to 12	7/8" - 14	4 1/4	2 5/8	1/2	N/A	1 7/8	1 1/16
70R8692	RD-5-10527-1P	12	1 1/16" - 14	4 3/4	3 1/8	1/2	N/A	2 9/16	1 1/4



90° Female O-Ring (ORS) Flat Face O-Ring Seal

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R82256	RD-5-10694-1P	6	1 1/16" - 16	2 1/2	1	1/4	N/A	29/32	13/16
70R82258	RD-5-10695-1P	8	13/16" - 16	2 3/4	1 1/4	5/16	N/A	1 5/32	15/16
70R82251	RD-5-10696-1P	10	1" - 14	3 3/32	1 1/2	3/8	N/A	1 1/4	1 1/8
70R82252	RD-5-10697-1P	12	1 3/16" - 12	3 3/8	1 3/4	1/2	N/A	1 29/32	1 3/8
70R82261	RD-5-10698-1P	10 to 12	1" - 14	3 3/32	1 1/2	1/2	N/A	1 3/4	1 1/8





Aeroquip

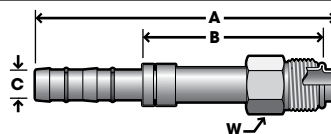
REFRIGERANT HOSE FITTINGS

All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP O-RING FITTING KITS

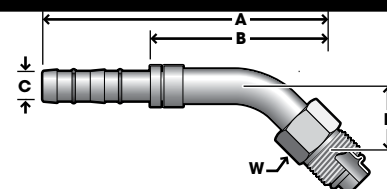
Straight Male O-Ring

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8306	RD-5-10531-1P	6	5/8" - 18	3 3/8	1 3/4	1/4	N/A	N/A	5/8
70R8716	RD-5-10532-1P	6 to 8	5/8" - 18	3 7/16	1 3/4	5/16	N/A	N/A	5/8
70R8308	RD-5-10533-1P	8	3/4" - 16	4 3/8	2 5/8	5/16	N/A	N/A	3/4
70R8301	RD-5-10534-1P	10	7/8" - 18	3 5/8	1 7/8	3/8	N/A	N/A	7/8
70R8711	RD-5-10535-1P	10 to 12	7/8" - 18	3 11/16	1 7/8	1/2	N/A	N/A	7/8
70R8302	RD-5-10536-1P	12	1 1/16" - 14	3 11/16	1 7/8	1/2	N/A	N/A	1 1/16



45° Male O-Ring

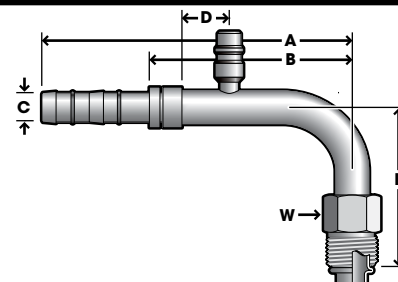
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8346	RD-5-10555-1P	6	5/8" - 18	4	2 1/2	1/4	N/A	1	5/8
70R8348	RD-5-10554-1P	8	3/4" - 18	4 9/16	2 13/16	5/16	N/A	1 1/4	3/4
70R8341	RD-5-10556-1P	10	7/8" - 18	4 2/3	3	3/8	N/A	1 1/2	7/8



90° Male O-Ring

With Low Side Charge Port (134a)

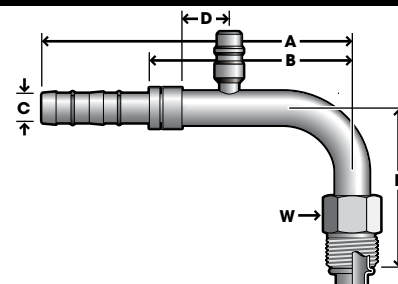
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8598	RD-5-10577-1P	12	7/8" - 18	4 13/16	3 1/4	1/2	5/8	2 5/16	7/8



90° Male O-Ring

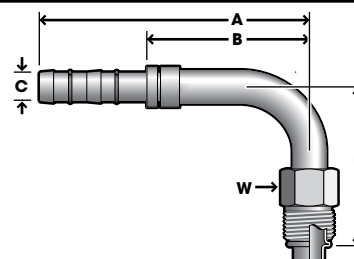
With High Side Charge Port (134a)

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8398	RD-5-10576-1P	8	3/4" - 18	4 5/8	3	5/16	5/8	2 5/16	3/4



90° Male O-Ring

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8006	RD-5-10537-1P	6	5/8" - 18	3 5/16	1 3/4	1/4	N/A	1 3/4	5/8
70R8786	RD-5-10538-1P	6 to 8	5/8" - 18	3 5/16	1 3/4	5/16	N/A	1 3/4	5/8
70R8008	RD-5-10539-1P	8	3/4" - 18	3 3/4	2 1/4	5/16	N/A	2 5/16	3/4
70R8788	RD-5-10540-1P	8 to 10	3/4" - 18	3 3/4	2 1/4	3/8	N/A	2 5/16	3/4
70R8001	RD-5-10543-1P	10	7/8" - 18	4 1/4	2 5/8	3/8	N/A	2 1/2	7/8
70R8781	RD-5-10541-1P	10 to 12	7/8" - 18	4 1/4	2 11/16	1/2	N/A	2 1/2	7/8
70R8002	RD-5-10542-1P	12	1 1/16" - 16	4 1/4	2 5/8	1/2	N/A	2 3/4	1 1/16



REFRIGERANT HOSE FITTINGS

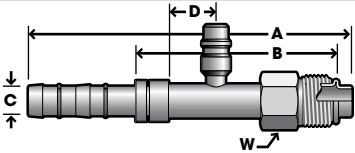
All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP O-RING FITTING KITS

Straight Male O-Ring

With Low Side Charge Port (134a)

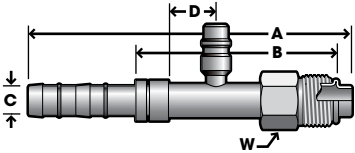
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8681	RD-5-10574-1P	10 to 12	7/8" - 18	4 1/2	2 3/4	1/2	5/8	N/A	7/8



Straight Male O-Ring

With High Side Charge Port (134a)

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8688	RD-5-10575-1P	8	3/4" - 18	4 1/2	2 3/4	5/16	5/8	N/A	3/4

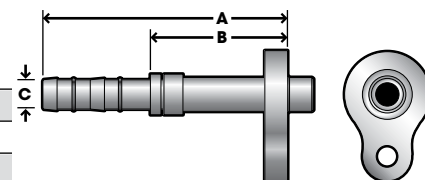



Aeroquip
REFRIGERANT HOSE FITTINGS

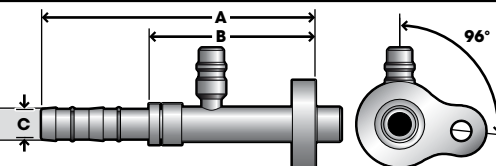
All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP PAD FITTING KITS
Straight Pad
With 180° Pad

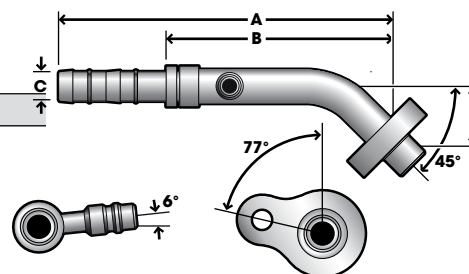
	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85206	RD-5-11536-1P	6 to 8	N/A	3 $\frac{5}{16}$	1 $\frac{13}{16}$	$\frac{1}{4}$	N/A	N/A
70R85201	RD-5-11537-1P	8 to 10	N/A	3 $\frac{3}{4}$	2 $\frac{3}{16}$	$\frac{5}{16}$	N/A	N/A
70R85202	RD-5-11538-1P	10 to 12	N/A	4 $\frac{5}{16}$	2 $\frac{23}{32}$	$\frac{3}{8}$	N/A	N/A


Straight Pad
With Low Side 134a Port, 96° Pad

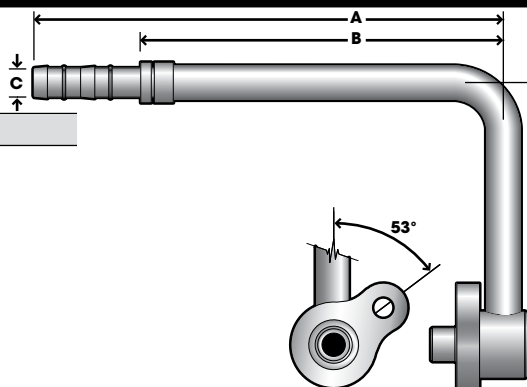
	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85212	RD-5-11539-1P	10 to 12	N/A	4 $\frac{21}{64}$	2 $\frac{3}{4}$	$\frac{3}{8}$	1 $\frac{1}{2}$	N/A


45° Elbow Pad
With Low Side 134a Port

	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85222	RD-5-11540-1P	10 to 12	N/A	6 $\frac{25}{32}$	5 $\frac{7}{32}$	$\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$


90° Elbow Pad
With 53° Pad

	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85301	RD-5-11541-1P	8 to 10	N/A	6	4 $\frac{1}{2}$	$\frac{5}{16}$	N/A	4



REFRIGERANT HOSE FITTINGS

EAT•N

Aeroquip

All **Aeroquip E-Z Clip Refrigerant Fitting Kits** contain the fitting and all necessary cage, clips and o-rings. **Use with Aeroquip E-Z Clip hose ONLY.**

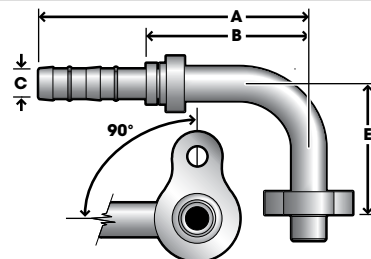
E-Z CLIP PAD FITTING KITS

90° Elbow Pad

With Right Side Bolt Hole, 90° Pad



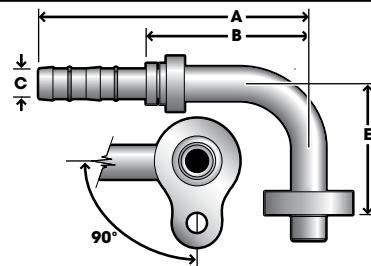
	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85336	RD-5-11545-1P	6 to 8	N/A	3 ⁷ / ₈	2 ⁵ / ₁₆	¹ / ₄	N/A	2 ³ / ₁₆



90° Elbow Pad

With Left Side Bolt Hole, 180° Pad

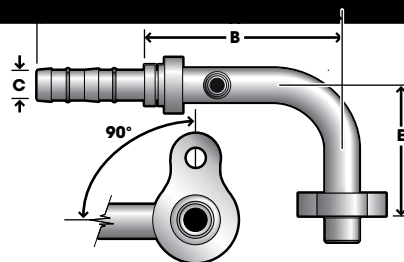
	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85326	RD-5-11543-1P	6 to 8	N/A	3 ⁷ / ₈	2 ⁵ / ₁₆	¹ / ₄	N/A	2 ³ / ₁₆
70R85321	RD-5-11544-1P	10 to 8	N/A	3 ⁷ / ₈	2 ⁵ / ₁₆	⁵ / ₁₆	N/A	2 ³ / ₁₆



90° Elbow Pad

With Right Side Bolt Hole, 90° Pad and Low Side 134a Port

	Hose to Factory No.	Pad Fitting	Thread	A	B	C	D	E
70R85311	RD-5-11542-1P	12 to 10	N/A	5 ²⁹ / ₃₂	4 ⁵ / ₁₆	³ / ₈	3 ⁷ / ₃₂	2 ¹³ / ₁₆





Aeroquip

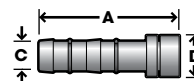
REFRIGERANT HOSE FITTINGS

All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP BRAZE & BULKHEAD FITTING KITS

"Lifesaver" Braze Nipple

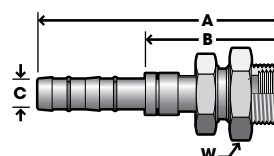
	Factory No.	Hose	Thread	A	B	C	D	E
70R8556	RD-5-10547-1P	6	N/A	2	N/A	1/4	3/8	N/A
70R8558	RD-5-10548-1P	8	N/A	2	N/A	5/16	1/2	N/A
70R8551	RD-5-10549-1P	10	N/A	2	N/A	3/8	5/8	N/A
70R8511	RD-5-10550-1P	10 to 12	N/A	2 1/16	N/A	3/4	3/8	N/A
70R85312	RD-5-12839-0P	12	N/A	2 1/8	N/A	1/2	3/4	N/A



Bulkhead Fitting

Straight Fitting

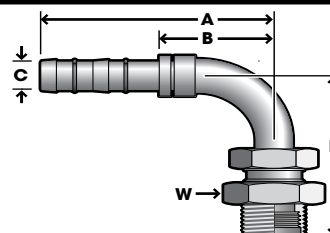
	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8886	RD-5-10557-1P	6	5/8" - 18	3 11/16	2 3/16	1/4	N/A	N/A	15/16
70R8888	RD-5-10558-1P	8	3/4" - 16	4	2 3/8	5/16	N/A	N/A	1
70R8881	RD-5-10559-1P	10	7/8" - 14	4 1/2	3	3/8	N/A	N/A	1 1/8



Bulkhead Fitting

90° Fitting

	Factory No.	Hose	Thread	A	B	C	D	E	W
70R8086	RD-5-10560-1P	6	5/8" - 18	2 1/2	1	1/4	N/A	2 1/8	15/16
70R8088	RD-5-10561-1P	8	3/4" - 16	2 3/4	1 1/4	5/16	N/A	2 5/8	1
70R8071	RD-5-10562-1P	10	7/8" - 14	3	1 1/2	3/8	N/A	3 1/4	1 1/8
70R8591	RD-5-10563-1P	10 to 12	7/8" - 14	3 1/8	1 1/2	3/8	N/A	3 1/4	1 1/8



REFRIGERANT HOSE FITTINGS

EATON

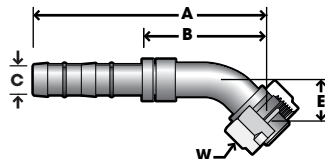
Aeroquip

All **Aeroquip E-Z Clip Refrigerant Fitting Kits** contain the fitting and all necessary cage, clips and o-rings. **Use with Aeroquip E-Z Clip hose ONLY.**

E-Z CLIP COMPRESSOR FITTING KITS

45° Female Rotolock

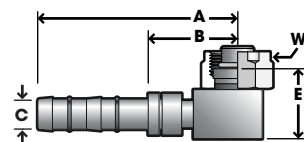
	Factory No.	Hose	Thread	Fitting	A	B	C	E	W
75R75218	RD-5-11829-1P	8	1" X 14	10	4	2 ³ / ₈	5 ⁵ / ₁₆	3 ³ / ₄	1 ¹ / ₈
75R75212	RD-5-11830-1P	12	1" X 14	10	4 ¹ / ₈	2 ¹ / ₂	1 ¹ / ₂	3 ³ / ₄	1 ¹ / ₈



90° Female Rotolock

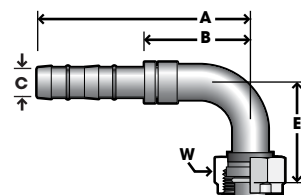
Compressor Block

	Factory No.	Hose	Thread	Fitting	A	B	C	E	W
75R75208	RD-5-11833-1P	8	1" X 14	10	3	1 ⁷ / ₁₆	5 ⁵ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈
75R75202	RD-5-11834-1P	12	1" X 14	10	3 ¹ / ₈	1 ⁹ / ₁₆	1 ¹ / ₂	1 ³ / ₁₆	1 ¹ / ₈



90° Female Rotolock

	Factory No.	Hose	Thread	Fitting	A	B	C	E	W
75R75228	RD-5-11831-1P	8	1" X 14	10	3	1 ⁷ / ₁₆	5 ⁵ / ₁₆	1 ¹ / ₂	1 ¹ / ₈
75R75201	RD-5-11978-1P	10	1" X 14	10	4 ⁷ / ₁₆	2 ⁷ / ₈	3 ³ / ₈	2 ⁹ / ₁₆	1 ¹ / ₈
75R75222	RD-5-11832-1P	12	1" X 14	10	3 ¹ / ₈	1 ⁵ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ¹ / ₈




Aeroquip
REFRIGERANT HOSE FITTINGS

All Aeroquip E-Z Clip Refrigerant Fitting Kits contain the fitting and all necessary cage, clips and o-rings. Use with Aeroquip E-Z Clip hose ONLY.

E-Z CLIP STARTER INVENTORY KIT

Aeroquip's line of E-Z Clip fittings are easy to use, make complex installations a snap. We recommend E-Z Clip above all other fittings. To help get you started we offer a selection of the most-used fittings and the hardware to install them. We also supply 50' of hose in all four sizes supported by these starter kits.

70R9903
RD-5-11559-3P

Each starter kit includes the tool kit (79R8915) plus **four** of each fitting listed below. It also includes **50'** each #6, #8, #10 and #12 hose.

#6 Hose: **78R8456**

#8 Hose: **78R8458**

#10 Hose: **78R8451**

#12 Hose: **78R8452**


Splicer – Straight

#8	70R8218	#12	70R8212
----	---------	-----	---------

Splicer with 134a Low Side Charge Port

#10	70R8271	#12	70R8272
-----	---------	-----	---------

Splicer with 134a High Side Charge Port

#8	70R8278	#10	70R8261
----	---------	-----	---------

Splicer with R12 Charge Port

#8	70R8068	#12	70R8062
----	---------	-----	---------

#10	70R8061		
-----	---------	--	--

90° Splicer

#12	70R8292		
-----	---------	--	--

90° Female O-Ring with 134a Low Side Charge Port

#10	70R8091		
-----	---------	--	--

90° Female O-Ring with 134a High Side Charge Port

#8	70R8098		
----	---------	--	--

Straight Female Flare

#8	70R8248		
----	---------	--	--

Straight Female O-Ring

#6	70R8606	#10	70R8601
----	---------	-----	---------

#6 to #8	70R8706	#10 to #12	70R8701
----------	---------	------------	---------

#8	70R8608	#12	70R8602
----	---------	-----	---------

#8 to #10	70R8708		
-----------	---------	--	--

90° Female O-Ring

#6	70R8696	#10	70R8691
----	---------	-----	---------

#6 to #8	70R8796	#10 to #12	70R8791
----------	---------	------------	---------

#8	70R8698	#12	70R8692
----	---------	-----	---------

#8 to #10	70R8798		
-----------	---------	--	--

Straight Male O-Ring

#6	70R8306	#10 to #12	70R8711
----	---------	------------	---------

#10	70R8301		
-----	---------	--	--

90° Male O-Ring

#6	70R8006	#6 to #8	70R8786
----	---------	----------	---------

#10 to #12	70R8781		
------------	---------	--	--

"Lifesaver" Braze Nipple

#6	70R8556	#10	70R8551
----	---------	-----	---------

#8	70R8558	#12	70R8511
----	---------	-----	---------

90° Elbow Compressor Fitting

#8	75R75208	#12	75R75202
----	----------	-----	----------

90° Elbow Compressor Fitting

#8	75R75228	#12	75R75222
----	----------	-----	----------

45° Elbow Compressor Fitting

#8	75R75218	#12	75R75212
----	----------	-----	----------

70R SERIES

REFRIGERANT HOSE FITTINGS

EATON

Aeroquip

All **Aeroquip E-Z Clip Refrigerant Fitting Kits** contain the fitting and all necessary cage, clips and o-rings. **Use with Aeroquip E-Z Clip hose ONLY.**

E-Z CLIP FITTINGS & TOOLS

	Hose Size	Length	Part No.	Factory No.	I.D.	Max.O.D.
	#6	50 ft. box	78R8456	RD-5-10504-600P	5/16"	37/64"
		560 ft. spool	78R8456SP	RD-5-10504-0P	5/16"	37/64"
	#8	50 ft. box	78R8458	RD-5-10505-600P	13/32"	45/64"
		575 ft. spool	78R8458SP	RD-5-10505-0P	13/32"	45/64"
	#10	50 ft. box	78R8451	RD-5-10506-600P	1/2"	25/32"
		550 ft. spool	78R8451SP	RD-5-10506-0P	1/2"	25/32"
	#12	50 ft. box	78R8452	RD-5-10507-600P	5/8"	63/64"
		367 ft. spool	78R8452SP	RD-5-10507-0P	5/8"	63/64"

Use with Aeroquip® E-Z Clip Fittings **ONLY**

CAGES & CLIPS

Packages of 10

	Cages		Clips	
Size	Factory No.		Factory No.	
#6	70R8806	RD-5-10709-0M	70R8826	RD-5-10713-0M
#8	70R8808	RD-5-10710-0M	70R8828	RD-5-10714-0M
#10	70R8801	RD-5-10711-0M	70R8821	RD-5-10715-0M
#12	70R8802	RD-5-10712-0M	70R8822	RD-5-10716-0M

CAPS

Threaded protective caps — Packages of 20

	Factory No.	Description
75R5555	RD-5-11325-0M	E-Z Clip Low Side Cap
75R5556	RD-5-11223-0M	E-Z Clip High Side Cap

AEROQUIP TOOL

79R8920 RD-5-10717-0P

#6-#12 Connecting Tool



79R8926 RD-5-13543-0P

#16 Connecting Tool



79R8930 RD-5-10739-0P

Hose Cutter & Blade, maximum hose O.D.: 2"



Replacement Blade for 79R8930: **79R8931** RD-5-10740-0P

TOOL KIT

79R8915 RD-5-10718-0P

Includes:

20 each: Clips: #6, #8, #10, #12
10 each: Cages: #6, #8, #10, #12
Connecting Tool 79R8920
Hose Cutter 79R8930
Replacement blade for Hose Cutter



STEEL FIELDCASE

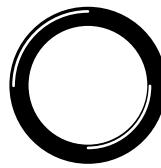
79R8916 RD-5-11372-0P

Includes:

100 each: Clips: #6, #8, #10, #12
50 each: Cages: #6, #8, #10, #12
50 each: O-Rings: #6, #8, #10, #12
100 each: O-Ring Nipple: #6, #8, #10, #12
Connecting Tool 79R8920
Hose Cutter 79R8930
2 Replacement blades for Hose Cutter



EZ CLIP NIPPLE O-RINGS

70R8836	70R8838	70R8831	70R8832	70R8840
RD-5-11461-0M	RD-5-11462-0M	RD-5-11463-0M	RD-5-11464-0M	RD-5-13242-0M
#6	#8	#10	#12	#16
				

O-Rings ship 25 per package

REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

CRIMP INSPECTION GUIDE

Always inspect crimps visually and dimensionally.

Visual Inspection

Visually inspect the first crimp to make sure that the correct dies were used, crimp location is correct, crimp is uniform, and there is no internal deformation of the fitting. A good crimp will be properly centered on the ferrule, meet the target depth dimension, and be symmetrical in shape.

What to look for:

- 1) The first visual criteria for a good crimp is the location of the crimp rings on the ferrule. The instructions provided should produce a crimp that is well centered on the ferrule. The first crimp ring will be approximately $\frac{1}{4}$ " from the open end of the ferrule.
- 2) The second visual characteristic is symmetry. When the Crimper is properly setup, used, and maintained, it will produce a crimp which is evenly shaped with respect to the crimp depths and the pinched ears in between. Many conditions in the process could cause an irregular crimp including: worn guide blocks, dies not seated, missing woodruff key, or deterioration in the plastic die carriers. These faults will produce crimps that are noticeably irregular with varying depth of crimp, or several prominent "ears" between crimp segments.

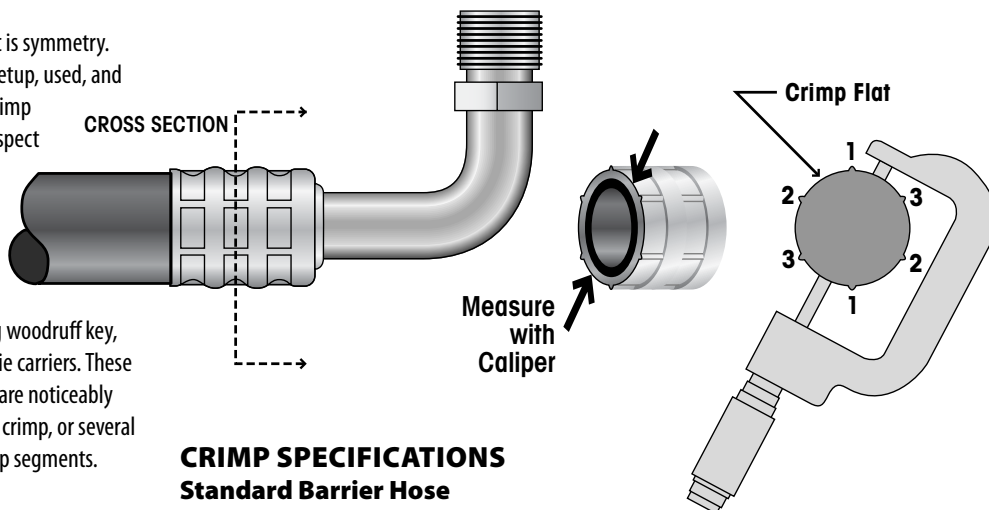
Dimensional Inspection

If the crimp is properly centered and regular, the crimp depth is the only remaining characteristic to check. The target dimensions can be measured with a set of blade or pin micrometers. The dimensional gauging should be used to verify the proper setup or when the tool is disassembled for maintenance. Gauges also should be used periodically during operation to verify continued acceptable crimps.

What to Measure

With the use of a micrometer measure across the diameter at the center of the crimp. The tooling manufacturer recommends checking in three locations: one reading on each of the three crimp bands, rotating the part to the next facet each time to assure checking each opposing die segment. In this manner each band and facet are checked.

NOTE: Using a Vernier Caliper may be an acceptable alternate gauge for the larger size fittings but not the smaller ones. Depending on ferrule size, the crimped "ears" may extend higher than the crimp diameter giving a false reading.

**CRIMP SPECIFICATIONS****Standard Barrier Hose**

The critical target dimensional tolerance is as follows:

Die Size	Target Diameter	Tolerance Range
#6	.660"	.650" to .675"
#8	.830"	.820" to .845"
#10	.936"	.926" to .951"
#12	1.035"	1.025" to 1.050"

Reduced Barrier Hose

The critical target dimensional tolerance is as follows:

Die Size	Target Diameter	Tolerance Range
#6	.556"	.551" to .571"
#8	.640"	.635" to .655"
#10	.742"	.737" to .757"
#12	.897"	.892" to .912"

It is normal for one of the three measurements to be close to the nominal target while the other two may be up to .010" larger, but still in tolerance.

This Crimp Inspection Guide is intended for use with fittings and Red Dot or Goodyear Galaxy™ hose, crimped with an 3700 crimper (79R1510 & 79R1515) only.

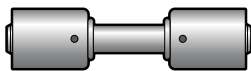
70R SERIES

REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

REFRIGERANT HOSE SPLICERS

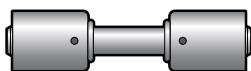
Straight Splicer



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2016S	RD-5-8267-0P	N/A	N/A	6 X 6	N/A
70R2016 LS	RD-5-7410-0P	N/A	N/A	6 X 6	N/A
70R2018S	RD-5-8268-0P	N/A	N/A	8 X 8	N/A
70R2018 LS	RD-5-7440-0P	N/A	N/A	8 X 8	N/A
70R2011S	RD-5-8265-0P	N/A	N/A	10 X 10	N/A
70R2011 LS	RD-5-7461-0P	N/A	N/A	10 X 10	N/A
70R2012S	RD-5-8266-0P	N/A	N/A	12 X 12	N/A
70R2012 LS	RD-5-7490-0P	N/A	N/A	12 X 12	N/A

Straight Splicer

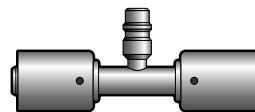
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2036S	RD-5-8274-0P	N/A	N/A	6 X 8	N/A
70R2036 LS	RD-5-7530-0P	N/A	N/A	6 X 8	N/A
70R2038S	RD-5-12026-0P	N/A	N/A	8 X 10	N/A
70R2038 LS	RD-5-7531-0P	N/A	N/A	8 X 10	N/A
70R2031S	RD-5-8273-0P	N/A	N/A	10 X 12	N/A
70R2031 LS	RD-5-7532-0P	N/A	N/A	10 X 12	N/A

Straight Splicer

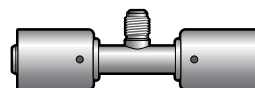
With R134a Quick Disconnect Service Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2076S	RD-5-7074-0P	N/A	N/A	6 X 6	16mm
70R2076 LS	RD-5-7072-0P	N/A	N/A	6 X 6	16mm
70R2078S	RD-5-7057-0P	N/A	N/A	8 X 8	16mm
70R2078 LS	RD-5-7068-0P	N/A	N/A	8 X 8	16mm
70R2071S	RD-5-7058-0P	N/A	N/A	10 X 10	13mm
70R2071 LS	RD-5-7069-0P	N/A	N/A	10 X 10	13mm
70R22071S	RD-5-12027-0P	N/A	N/A	10 X 10	16mm
70R2072S	RD-5-7075-0P	N/A	N/A	12 X 12	13mm
70R2072 LS	RD-5-7073-0P	N/A	N/A	12 X 12	13mm

Straight Splicer

With R12 Service Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2066S	RD-5-8271-0P	N/A	N/A	6 X 6	1/4"
70R2066 LS	RD-5-7603-0P	N/A	N/A	6 X 6	1/4"
70R2068S	RD-5-8272-0P	N/A	N/A	8 X 8	1/4"
70R2068 LS	RD-5-7604-0P	N/A	N/A	8 X 8	1/4"
70R2061S	RD-5-8269-0P	N/A	N/A	10 X 10	1/4"
70R2061 LS	RD-5-7605-0P	N/A	N/A	10 X 10	1/4"
70R2062S	RD-5-8270-0P	N/A	N/A	12 X 12	1/4"

LS = Limited to stock on hand

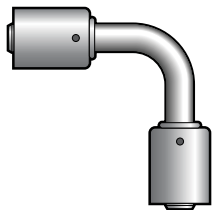
Plain (no suffix) = aluminum S= Steel

REFRIGERANT HOSE FITTINGS

For all Refrigerant Fittings be sure to use Red Dot Refrigerant Hose or equivalent.

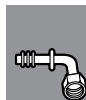
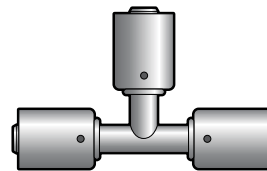
REFRIGERANT HOSE SPLICERS

90° Splicer



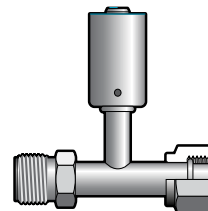
	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2096S	RD-5-12028-0P	N/A	N/A	6 X 6	N/A
70R2096 LS	RD-5-7413-0P	N/A	N/A	6 X 6	N/A
70R2098S	RD-5-12029-0P	N/A	N/A	8 X 8	N/A
70R2098 LS	RD-5-7443-0P	N/A	N/A	8 X 8	N/A
70R2091S	RD-5-12030-0P	N/A	N/A	10 X 10	N/A
70R2091 LS	RD-5-7460-0P	N/A	N/A	10 X 10	N/A
70R2092S	RD-5-12031-0P	N/A	N/A	12 X 12	N/A
70R2092 LS	RD-5-7491-0P	N/A	N/A	12 X 12	N/A

Tee Splicer



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2406S	RD-5-12032-0P	N/A	N/A	6 X 6 X 6	N/A
70R2406 LS	RD-5-8234-0P	N/A	N/A	6 X 6 X 6	N/A
70R2408S	RD-5-12033-0P	N/A	N/A	8 X 8 X 8	N/A
70R2408 LS	RD-5-8235-0P	N/A	N/A	8 X 8 X 8	N/A
70R2401S	RD-5-12034-0P	N/A	N/A	10 X 10 X 10	N/A
70R2401 LS	RD-5-8236-0P	N/A	N/A	10 X 10 X 10	N/A
70R2402S	RD-5-12035-0P	N/A	N/A	12 X 12 X 12	N/A
70R2402 LS	RD-5-8237-0P	N/A	N/A	12 X 12 X 12	N/A

Tee Splicer Threaded



	Factory No.	Thread	Male Insert O-Ring Fitting Size	Female O-Ring Fitting Size	Hose Size
70R2116S	RD-5-12036-0P	5/8" - 18	6	6	6
70R2116 LS	RD-5-7414-0P	5/8" - 18	6	6	6
70R2118 LS	RD-5-7446-0P	3/4" - 16	8	8	6
70R2111S	RD-5-12037-0P	7/8" - 14	10	10	10
70R2112S	RD-5-12038-0P	1 1/16" - 14	12	12	10
70R2112 LS	RD-5-7493-0P	1 1/16" - 14	12	12	10

LS = Limited to stock on hand

Plain (no suffix) = aluminum S = Steel

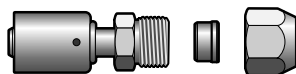
70R SERIES

REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

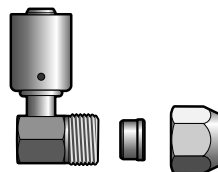
COMPRESSION FITTINGS

Straight Compression Fitting



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4006S	RD-5-7405-0P	3/8" Tube	6	6	N/A
70R4008S	RD-5-7431-0P	1/2" Tube	8	8	N/A
70R4001S	RD-5-7457-0P	5/8" Tube	10	10	N/A
70R4002S	RD-5-7481-0P	3/4" Tube	12	12	N/A

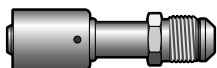
90° Compression Fitting



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4096S	RD-5-7406-0P	3/8" Tube	6	6	N/A
70R4098S	RD-5-7432-0P	1/2" Tube	8	8	N/A
70R4091S	RD-5-7458-0P	5/8" Tube	10	10	N/A
70R4092S	RD-5-7482-0P	3/4" Tube	12	12	N/A

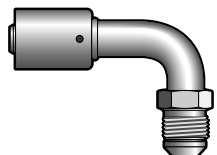
FLARE REFRIGERANT FITTINGS

Straight Male Flare



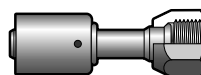
	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4106 LS	RD-5-7394-0P	5/8" - 18	6	6	N/A
70R4108 LS	RD-5-7419-0P	3/4" - 16	8	8	N/A
70R4101 LS	RD-5-7449-0P	7/8" - 14	10	10	N/A
70R4102 LS	RD-5-7469-0P	1 1/16" - 14	12	12	N/A

90° Male Flare



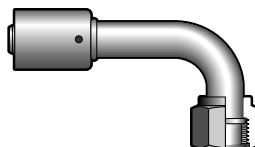
	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4196 LS	RD-5-7395-0P	5/8" - 18	6	6	N/A
70R4198 LS	RD-5-7420-0P	3/4" - 16	8	8	N/A
70R4191 LS	RD-5-7450-0P	7/8" - 14	10	10	N/A
70R4192 LS	RD-5-7470-0P	1 1/16" - 14	12	12	N/A

Straight Female Flare



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4206S	RD-5-12039-0P	5/8" - 18	6	6	N/A
70R4206 LS	RD-5-7392-0P	5/8" - 18	6	6	N/A
70R4208S	RD-5-12040-0P	3/4" - 16	8	8	N/A
70R4208 LS	RD-5-7417-0P	3/4" - 16	8	8	N/A
70R4201S	RD-5-12041-0P	7/8" - 14	10	10	N/A
70R4201 LS	RD-5-7447-0P	7/8" - 14	10	10	N/A
70R4202S	RD-5-12042-0P	1 1/16" - 14	12	12	N/A
70R4202 LS	RD-5-7467-0P	1 1/16" - 14	12	12	N/A

90° Female Flare



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4296S	RD-5-12043-0P	5/8" - 18	6	6	N/A
70R4296 LS	RD-5-7393-0P	5/8" - 18	6	6	N/A
70R4298S	RD-5-12044-0P	3/4" - 16	8	8	N/A
70R4298 LS	RD-5-7418-0P	3/4" - 16	8	8	N/A
70R4291S	RD-5-12045-0P	7/8" - 14	10	10	N/A
70R4291 LS	RD-5-7448-0P	7/8" - 14	10	10	N/A
70R4292S	RD-5-12285-0P	1 1/16" - 14	12	12	N/A
70R4292 LS	RD-5-7468-0P	1 1/16" - 14	12	12	N/A

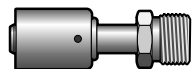
LS = Limited to stock on hand
Plain (no suffix) = aluminum S= Steel

REFRIGERANT HOSE FITTINGS

For all Refrigerant Fittings be sure to use Red Dot Refrigerant Hose or equivalent.

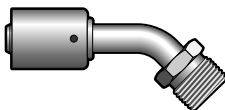
MALE INSERT O-RING FITTINGS

Straight Male Insert O-Ring



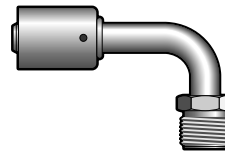
	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4506S	RD-5-7629-0P	5/8" - 18	6	6	N/A
70R4506 LS	RD-5-7398-0P	5/8" - 18	6	6	N/A
70R4508S	RD-5-8277-0P	3/4" - 16	8	8	N/A
70R4508 LS	RD-5-7427-0P	3/4" - 16	8	8	N/A
70R4501S	RD-5-7661-0P	7/8" - 14	10	10	N/A
70R4501 LS	RD-5-7533-0P	7/8" - 14	10	10	N/A
70R4502S	RD-5-12286-0P	1 1/16" - 14	12	12	N/A
70R4502 LS	RD-5-7478-0P	1 1/16" - 14	12	12	N/A

45° Male Insert O-Ring

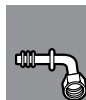


	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4546S	RD-5-12287-0P	5/8" - 18	6	6	N/A
70R4546 LS	RD-5-7399-0P	5/8" - 18	6	6	N/A
70R4548S	RD-5-12288-0P	3/4" - 16	8	8	N/A
70R4548 LS	RD-5-7428-0P	3/4" - 16	8	8	N/A
70R4541S	RD-5-12289-0P	7/8" - 14	10	10	N/A
70R4541 LS	RD-5-7454-0P	7/8" - 14	10	10	N/A

90° Male Insert O-Ring



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4596S	RD-5-8279-0P	5/8" - 18	6	6	N/A
70R4596 LS	RD-5-7401-0P	5/8" - 18	6	6	N/A
70R4598S	RD-5-8280-0P	3/4" - 16	8	8	N/A
70R4598 LS	RD-5-6488-0P	3/4" - 16	8	8	N/A
70R4591S	RD-5-8278-0P	7/8" - 14	10	10	N/A
70R4591 LS	RD-5-6487-0P	7/8" - 14	10	10	N/A



LS = Limited to stock on hand
 Plain (no suffix) = aluminum S= Steel

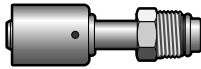
70R SERIES

REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

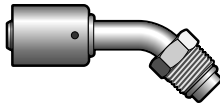
O-RING REFRIGERANT FITTINGS

Straight Male O-Ring



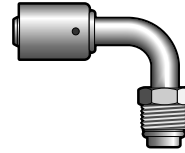
	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4306S	RD-5-7805-0P	5/8" - 18	6	6	N/A
70R4306 LS	RD-5-6474-0P	5/8" - 18	6	6	N/A
70R4308S	RD-5-6946-0P	3/4" - 18	8	8	N/A
70R4308 LS	RD-5-6478-0P	3/4" - 18	8	8	N/A
70R4301S	RD-5-6951-0P	7/8" - 18	10	10	N/A
70R4301 LS	RD-5-6482-0P	7/8" - 18	10	10	N/A
70R4302S	RD-5-8261-0P	1 1/6" - 16	12	12	N/A

45° Male O-Ring



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4346S	RD-5-6942-0P	5/8" - 18	6	6	N/A
70R4346 LS	RD-5-6527-0P	5/8" - 18	6	6	N/A
70R4348S	RD-5-8262-0P	3/4" - 18	8	8	N/A
70R4348 LS	RD-5-7423-0P	3/4" - 18	8	8	N/A
70R4341S	RD-5-6953-0P	7/8" - 18	10	10	N/A
70R4341 LS	RD-5-7451-0P	7/8" - 18	10	10	N/A
70R4342S	RD-5-8264-0P	1 1/6" - 16	12	12	N/A
70R4342 LS	RD-5-7476-0P	1 1/6" - 16	12	12	N/A

90° Male O-Ring



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4396S	RD-5-6944-0P	5/8" - 18	6	6	N/A
70R4396 LS	RD-5-6476-0P	5/8" - 18	6	6	N/A
70R4398S	RD-5-6949-0P	3/4" - 18	8	8	N/A
70R4398 LS	RD-5-6480-0P	3/4" - 18	8	8	N/A
70R4391S	RD-5-6955-0P	7/8" - 18	10	10	N/A
70R4391 LS	RD-5-6484-0P	7/8" - 18	10	10	N/A
70R4392S	RD-5-8263-0P	1 1/6" - 16	12	12	N/A
70R4392 LS	RD-5-7477-0P	1 1/6" - 16	12	12	N/A

LS = Limited to stock on hand

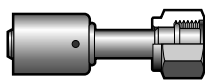
Plain (no suffix) = aluminum S= Steel

REFRIGERANT HOSE FITTINGS

For all Refrigerant Fittings be sure to use Red Dot Refrigerant Hose or equivalent.

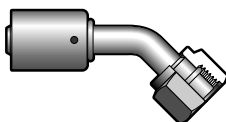
O-RING REFRIGERANT FITTINGS

Straight Female O-Ring



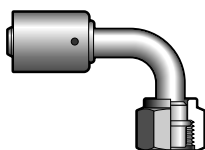
	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4406S	RD-5-6838-OP	5/8" - 18	6	6	N/A
70R4406 LS	RD-5-6475-OP	5/8" - 18	6	6	N/A
70R4408S	RD-5-6947-OP	3/4" - 16	8	8	N/A
70R4408 LS	RD-5-6479-OP	3/4" - 16	8	8	N/A
70R4401S	RD-5-6841-OP	7/8" - 14	10	10	N/A
70R4401 LS	RD-5-6483-OP	7/8" - 14	10	10	N/A
70R4402S	RD-5-7740-OP	1 1/4" - 14	12	12	N/A
70R4402 LS	RD-5-7471-OP	1 1/4" - 14	12	12	N/A

45° Female O-Ring



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4446S	RD-5-6943-OP	5/8" - 18	6	6	N/A
70R4446 LS	RD-5-6511-OP	5/8" - 18	6	6	N/A
70R4448S	RD-5-6948-OP	3/4" - 16	8	8	N/A
70R4448 LS	RD-5-6719-OP	3/4" - 16	8	8	N/A
70R4441S	RD-5-6954-OP	7/8" - 14	10	10	N/A
70R4441 LS	RD-5-6525-OP	7/8" - 14	10	10	N/A
70R4442S	RD-5-8462-OP	1 1/4" - 14	12	12	N/A
70R4442 LS	RD-5-7473-OP	1 1/4" - 14	12	12	N/A

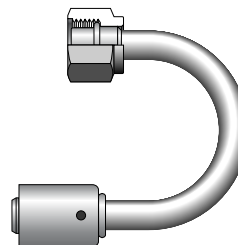
90° Female O-Ring



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4496S	RD-5-6945-OP	5/8" - 18	6	6	N/A
70R4496 LS	RD-5-6477-OP	5/8" - 18	6	6	N/A
70R4498S	RD-5-6840-OP	3/4" - 16	8	8	N/A
70R4498 LS	RD-5-6481-OP	3/4" - 16	8	8	N/A
70R4491S	RD-5-6956-OP	7/8" - 14	10	10	N/A
70R4491 LS	RD-5-6485-OP	7/8" - 14	10	10	N/A
70R4492S	RD-5-7733-OP	1 1/4" - 14	12	12	N/A

LS = Limited to stock on hand
 Plain (no suffix) = aluminum S= Steel

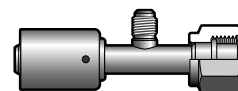
180° Female O-Ring



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R2006S	RD-5-12298-OP	5/8" - 18	6	6	N/A
70R2008S	RD-5-12299-OP	3/4" - 16	8	8	N/A
70R2001S	RD-5-12300-OP	7/8" - 14	10	10	N/A
70R2002S	RD-5-11601-OP	1 1/4" - 14	12	12	N/A

Straight Female O-Ring

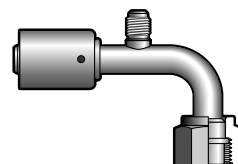
With Schrader Valve (R-12)



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4416S	RD-5-8539-OP	5/8" - 18	6	6	1/4"

90° Female O-Ring

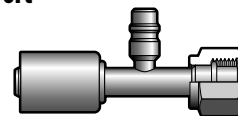
With Schrader Valve (R-12)



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4996	RD-5-7612-OP	5/8" - 18	6	6	1/4"
70R4998	RD-5-6522-OP	3/4" - 16	8	8	1/4"
70R4991	RD-5-6524-OP	7/8" - 14	10	10	1/4"

Straight Female O-Ring

With R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R7006S	RD-5-12303-OP	5/8" - 18	6	6	16mm
70R7006 LS	RD-5-7236-OP	5/8" - 18	6	6	16mm
70R7008S	RD-5-7632-OP	3/4" - 16	8	8	16mm
70R7001S	RD-5-8017-OP	7/8" - 14	10	10	13mm
70R7002S	RD-5-8281-OP	1 1/4" - 14	12	12	13mm

70R SERIES

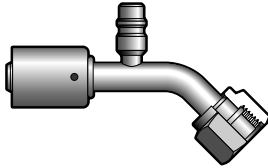
REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

O-RING REFRIGERANT FITTINGS

45° Female O-Ring

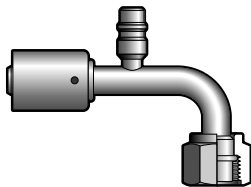
With R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R6446S	RD-5-12302-0P	5/8" - 18	6	6	16mm
70R6448	RD-5-7223-0P	3/4" - 16	8	8	16mm
70R6441	RD-5-7637-0P	7/8" - 14	10	10	13mm

90° Female O-Ring

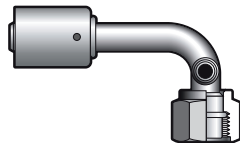
With R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R6496S	RD-5-7546-0P	5/8" - 18	6	6	16mm
70R6496 LS	RD-5-7283-0P	5/8" - 18	6	6	16mm
70R6598S	RD-5-7225-0P	3/4" - 16	8	8	16mm
70R6491S	RD-5-7231-0P	7/8" - 14	10	10	13mm
70R6492S	RD-5-8282-0P	1 1/4" - 14	12	12	13mm

90° Female O-Ring

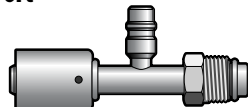
With R134a Side Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R6498S	RD-5-7119-0P	3/4" - 16	8	8	16mm

Straight Male O-Ring

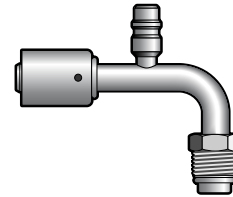
With R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4316S	RD-5-12290-0P	5/8" - 18	6	6	16mm
70R4311S	RD-5-12291-0P	7/8" - 18	10	10	13mm
70R4312S	RD-5-12292-0P	1 1/4" - 16	12	12	13mm
70R4310S	RD-5-12293-0P	7/8" - 18	10	12	13mm

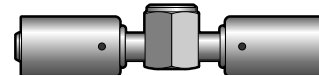
90° Male O-Ring

With R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R42396S	RD-5-12294-0P	5/8" - 18	6	6	16mm
70R42390S	RD-5-12295-0P	7/8" - 18	10	10	13mm
70R42392S	RD-5-12296-0P	7/8" - 18	10	12	13mm

Fitting-In Line Sight Glass



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R3510S	RD-5-8393-0P	N/A	N/A	10 X 10	N/A

LS = Limited to stock on hand

Plain (no suffix) = aluminum S= Steel

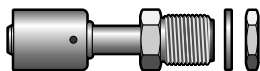
REFRIGERANT HOSE FITTINGS

For all Refrigerant Fittings be sure to use Red Dot Refrigerant Hose or equivalent.

BULKHEAD FITTINGS

Straight Bulkhead Style

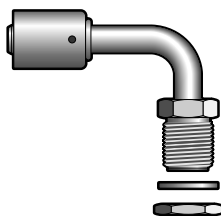
With Male Insert O-Ring (MIO)



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R6006S	RD-5-8537-0P	5/8" - 18	6	6	N/A
70R6006 LS	RD-5-7396-0P	5/8" - 18	6	6	N/A
70R6008S	RD-5-8538-0P	3/4" - 16	8	8	N/A
70R6008 LS	RD-5-7425-0P	3/4" - 16	8	8	N/A
70R6001S	RD-5-12304-0P	7/8" - 14	10	10	N/A
70R6001 LS	RD-5-7452-0P	7/8" - 14	10	10	N/A

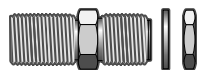
90° Bulkhead Style

With Male Insert O-Ring (MIO)



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R6096S	RD-5-12305-0P	5/8" - 18	6	6	N/A
70R6096 LS	RD-5-7397-0P	5/8" - 18	6	6	N/A
70R6098S	RD-5-12306-0P	3/4" - 16	8	8	N/A
70R6098 LS	RD-5-7426-0P	3/4" - 16	8	8	N/A
70R6091S	RD-5-12307-0P	7/8" - 14	10	10	N/A
70R6091 LS	RD-5-7537-0P	7/8" - 14	10	10	N/A

Bulkhead Style

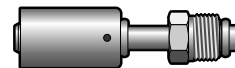


	Factory No.	Thread	Fitting Size	Hose Size	Port
70R6506	RD-5-8772-0P	5/8" - 18	6	N/A	N/A
70R6508	RD-5-8773-0P	3/4" - 16	8	N/A	N/A
70R6501	RD-5-8774-0P	7/8" - 14	10	N/A	N/A

STEP-DOWN O-RING FITTINGS

Straight Male O-Ring

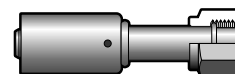
Step Down



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4005S	RD-5-12308-0P	1 1/16" - 7	7	6	N/A
70R4006	RD-5-8405-0P	1 1/16" - 7	7	6	N/A

Straight Female O-Ring

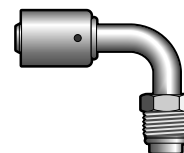
Step-Down



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4602	RD-5-7472-0P	1 1/16" - 14	12	10	N/A

90° Male O-Ring

Step-Down



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4798S	RD-5-12309-0P	3/4" - 18	8	6	N/A
70R4798 LS	RD-5-7424-0P	3/4" - 18	8	6	N/A

LS = Limited to stock on hand

Plain (no suffix) = aluminum S = Steel

70R SERIES

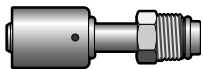
REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

STEP-UP O-RING FITTINGS

Straight Male O-Ring

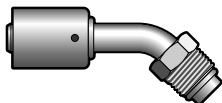
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4706S	RD-5-8275-0P	5/8" - 18	6	8	N/A
70R4706 LS	RD-5-7403-0P	5/8" - 18	6	8	N/A
70R4701S	RD-5-6979-0P	7/8" - 18	10	12	N/A
70R4701 LS	RD-5-6505-0P	7/8" - 18	10	12	N/A

45° Male O-Ring

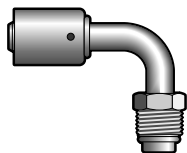
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4642	RD-5-6492-0P	7/8" - 18	10	12	N/A

90° Male O-Ring

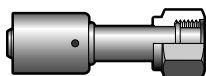
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4796S	RD-5-8276-0P	5/8" - 18	6	8	N/A
70R4796 LS	RD-5-7404-0P	5/8" - 18	6	8	N/A
70R4791S	RD-5-8195-0P	7/8" - 18	10	12	N/A
70R4791 LS	RD-5-6501-0P	7/8" - 18	10	12	N/A

Straight Female O-Ring

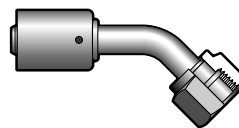
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4606S	RD-5-8283-0P	5/8" - 18	6	8	N/A
70R4606 LS	RD-5-7534-0P	5/8" - 18	6	8	N/A
70R4608S	RD-5-8284-0P	3/4" - 16	8	10	N/A
70R4608 LS	RD-5-7421-0P	3/4" - 16	8	10	N/A
70R4601S	RD-5-7495-0P	7/8" - 14	10	12	N/A
70R4601 LS	RD-5-7535-0P	7/8" - 14	10	12	N/A

45° Female O-Ring

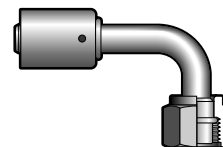
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4646S	RD-5-8285-0P	5/8" - 18	6	8	N/A
70R4641S	RD-5-7543-0P	7/8" - 14	10	12	N/A
70R4641 LS	RD-5-6493-0P	7/8" - 14	10	12	N/A

90° Female O-Ring

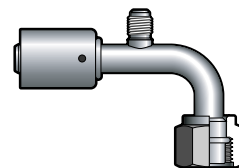
Step-Up



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4696S	RD-5-8286-0P	5/8" - 18	6	8	N/A
70R4696 LS	RD-5-6520-0P	5/8" - 18	6	8	N/A
70R4698S	RD-5-8463-0P	3/4" - 16	8	10	N/A
70R4698 LS	RD-5-7445-0P	3/4" - 16	8	10	N/A
70R4691S	RD-5-6978-0P	7/8" - 14	10	12	N/A
70R4691 LS	RD-5-6562-0P	7/8" - 14	10	12	N/A

90° Female O-Ring

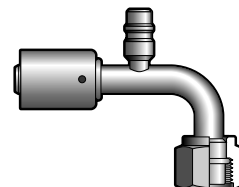
Step-Up with Schrader Valve



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R4692S	RD-5-8058-0P	7/8" - 14	10	12	13mm

90° Female O-Ring

Step-Up with R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R5091S	RD-5-7641-0P	7/8" - 14	10	12	13mm

LS = Limited to stock on hand
Plain (no suffix) = aluminum S= Steel

REFRIGERANT HOSE FITTINGS

For all Refrigerant Fittings be sure to use Red Dot Refrigerant Hose or equivalent.

REDUCED BEAD LOCK O-RING FITTINGS

Straight Splicer

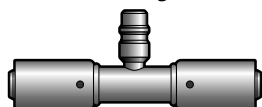
Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9016S	RD-5-8916-0P	6 X 6	6	6	N/A
70R9018S	RD-5-8917-0P	8 X 8	8	8	N/A
70R9011S	RD-5-8918-0P	10 X 10	10	10	N/A
70R9012S	RD-5-8941-0P	12 X 12	12	12	N/A

Straight Splicer

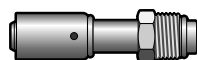
Reduced Bead Lock with R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9076S	RD-5-8919-0P	6 X 6	6	6	16mm
70R9078S	RD-5-8920-0P	8 X 8	8	8	16mm
70R9071S	RD-5-8921-0P	10 X 10	10	10	13mm
70R9072S	RD-5-8952-0P	12 X 12	12	12	13mm

Straight Male O-Ring

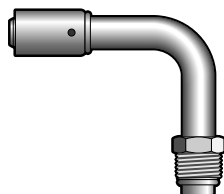
Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9306S	RD-5-8910-0P	5/8" - 18	6	6	N/A
70R9308S	RD-5-8911-0P	3/4" - 18	8	8	N/A
70R9301S	RD-5-8912-0P	7/8" - 18	10	10	N/A
70R9312S	RD-5-12310-0P	1 1/16" - 16	12	12	N/A

90° Male O-Ring

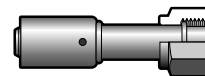
Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9396S	RD-5-8913-0P	5/8" - 18	6	6	N/A
70R9398S	RD-5-8914-0P	3/4" - 18	8	8	N/A
70R9391S	RD-5-8915-0P	7/8" - 18	10	10	N/A
70R9392S	RD-5-12311-0P	1 1/16" - 16	12	12	N/A

Straight Female O-Ring

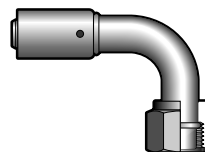
Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9406S	RD-5-8898-0P	5/8" - 18	6	6	N/A
70R9408S	RD-5-8899-0P	3/4" - 16	8	8	N/A
70R9401S	RD-5-8900-0P	7/8" - 14	10	10	N/A
70R9402S	RD-5-8939-0P	1 1/16" - 14	12	12	N/A

90° Female O-Ring

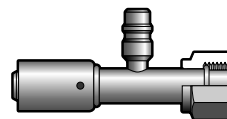
Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9496S	RD-5-8904-0P	5/8" - 18	6	6	N/A
70R9498S	RD-5-12246-0P	3/4" - 16	8	8	N/A
70R9491S	RD-5-8906-0P	7/8" - 14	10	10	N/A
70R9492S	RD-5-8940-0P	1 1/16" - 14	12	12	N/A

Straight Female O-Ring

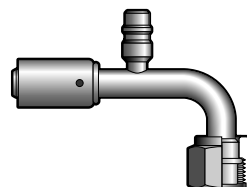
Reduced Bead Lock with R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9906S	RD-5-8901-0P	5/8" - 18	6	6	16mm
70R9908S	RD-5-8902-0P	3/4" - 16	8	8	16mm
70R9901S	RD-5-8903-0P	7/8" - 14	10	10	13mm
70R9902S	RD-5-12312-0P	1 1/16" - 14	12	12	13mm

90° Female O-Ring

Reduced Bead Lock with R134a Charge Port



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9996S	RD-5-8907-0P	5/8" - 18	6	6	16mm
70R9991S	RD-5-8909-0P	7/8" - 14	10	10	13mm
70R9998S	RD-5-8909-0P	3/4" - 16	8	8	16mm

Plain (no suffix) = aluminum S= Steel

70R SERIES

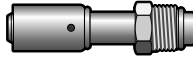
REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

REDUCED BEAD LOCK STEP-UP O-RING FITTINGS

Straight Male O-Ring

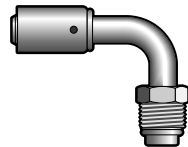
Step-Up with Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9706S	RD-5-12313-0P	5/8" - 18	6	8	N/A
70R9708S	RD-5-12314-0P	3/4" - 18	8	10	N/A
70R9701S	RD-5-8957-0P	7/8" - 18	10	12	N/A

90° Male O-Ring

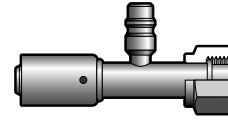
Step-Up with Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9796S	RD-5-12315-0P	5/8" - 18	6	8	N/A
70R9791S	RD-5-8951-0P	7/8" - 18	10	12	N/A

Straight Female O-Ring

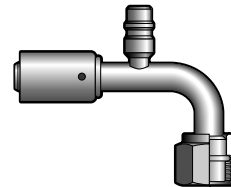
Step-Up with R134a Charge Port & Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9001S	RD-5-8955-0P	7/8" - 14	10	12	13mm

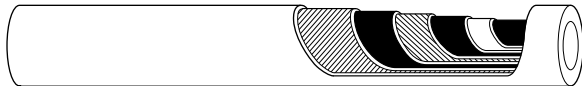
90° Female O-Ring

Step-Up with R134a Charge Port & Reduced Bead Lock



	Factory No.	Thread	Fitting Size	Hose Size	Port
70R9091S	RD-5-8956-0P	7/8" - 14	10	12	13mm

RED DOT REDUCED O.D. BARRIER HOSE



DAYCO NYLON BARRIER HOSE

The DAYCO OEM 3054 has thinner-wall construction that offers improved flexibility and reduced weight without sacrificing permeation resistance and burst strength.

Part No.	Factory No.	SAE Hose Size	I.D.	Max. O.D.	Length
78R9466	RD-5-12106-600P	#6	5/16"	39/64"	50 ft. Box
78R9468	RD-5-12108-600P	#8	13/32"	45/64"	50 ft. Box
78R9461	RD-5-12110-600P	#10	1/2"	25/32"	50 ft. Box
78R9462	RD-5-12112-600P	#12	5/8"	61/64"	50 ft. Box

Plain (no suffix) = aluminum S= Steel

REFRIGERANT HOSE FITTINGS

For all **Refrigerant Fittings** be sure to use **Red Dot Refrigerant Hose** or equivalent.

CRIMP TOOLS

79R1560 RD-5-11225-0P

Bubble Crimp Kit for use with Air Impact Wrench

**79R1565 RD-5-11232-0P**

Bubble Crimp Kit with Hydraulic Hand Pump and 6' Hose

DROP SHIP ONLY

**79R1520 RD-5-7731-0P**

Hydraulic Hand Pump And 6' Hose With Male Quick Disconnect

**79R1525 RD-5-7732-0P**

HYDRAULIC CYLINDER
Retro Fit Hydraulic Cylinder For 79R1510, Bubble Crimp Kit With Female Quick Disconnect



CRIMP TOOL REPLACEMENT PARTS

79R1560 & 79R1565**79R1510 & 79R1515**

		79R1502	RD-5-7788-0P	Actuator Screw
		79R1503	RD-5-7787-0P	Strain Rod Set (2)
		79R1504	RD-5-7786-0P	Latch Plate
		79R1505	RD-5-8481-0P	Actuator Bar
		79R1516	RD-5-7789-0P	Standard Crimp Die #6
79R1531	RD-5-11230-0P	79R1521	RD-5-7791-0P	Standard Crimp Die #10 and Reduced #12
79R1532	RD-5-11231-0P	79R1522	RD-5-7792-0P	Standard Crimp Die #12
79R1536	RD-5-11227-0P	79R9518	RD-5-8896-0P	Standard Crimp Die #6 to Reduced Bead Crimp Die #8
79R1538	RD-5-11228-0P	79R1518	RD-5-7790-0P	Standard Crimp Die #8
79R1541	RD-5-11229-0P	79R9521	RD-5-8897-0P	Reduced Bead Crimp Die #10
79R1546	RD-5-11226-0P	79R9516	RD-5-8895-0P	Reduced Bead Crimp Die #6

RED DOT REFRIGERANT HOSE



RED DOT INTERNAL NYLON BARRIER

REDUCED OZONE PERMEATION.

Internal Nylon Barrier hose is specifically designed to reduce the permeation level of ozone-depleting refrigerant and chemicals in heavy duty air conditioning systems.

"UNIVERSAL" COMPATIBILITY.

Extensive testing has shown Red Dot Refrigerant Hose to be compatible with today's state-of-the-art refrigerants, including R-12, R-134a and Ternary Blends.

Part No.	Factory No.	SAE Hose Size	I.D.	Max. O.D.	Length
78R0456	RD-5-5006-600P	#6	5/16"	3/4"	50 ft. Box
78R0456SP	RD-5-5006-0P	#6	5/16"	3/4"	825 ft. Spool
78R0458	RD-5-5008-600P	#8	13/32"	29/32"	50 ft. Box
78R0458SP	RD-5-5008-0P	#8	13/32"	29/32"	725 ft. Spool
78R0451	RD-5-5010-600P	#10	1/2"	1"	50 ft. Box
78R0451SP	RD-5-5010-0P	#10	1/2"	1"	700 ft. Spool
78R0452	RD-5-5012-600P	#12	5/8"	1 1/8"	50 ft. Box
78R0452SP	RD-5-5012-0P	#12	5/8"	1 1/8"	525 ft. Spool

NOTE: For use with Bead Lock or "Bubble Style" Crimp Fittings

70R SERIES

PARKER REFRIGERANT HOSE FITTINGS

USE WITH P80 HOSE ONLY

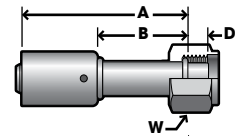
TUBE O-RING SWIVEL

Female Tube O-Ring Swivel

Straight – Long Pilot



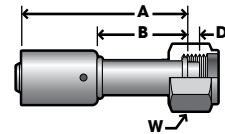
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R94406S	RD-5-9692-0P	5/8" x 18	6	6	3"	1 3/8"	3/4"	
70R94408S	RD-5-9694-0P	3/4" x 16	8	8	3 1/4"	1 5/8"	7/8"	
70R94601S	RD-5-9690-0P	7/8" x 14	10	12	3 3/8"	1 3/4"	1 1/16"	



Female Tube O-Ring Swivel

Straight – Short Pilot

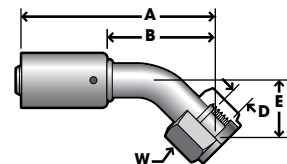
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R84406S	RD-5-9736-0P	5/8" x 18	6	6	3"	1 3/8"	3/4"	
70R84408S	RD-5-9737-0P	3/4" x 16	8	8	3 1/4"	1 5/8"	7/8"	
70R84401S	RD-5-9733-0P	7/8" x 14	10	10	3 3/16"	1 5/8"	1 1/16"	
70R84601S	RD-5-9734-0P	7/8" x 14	10	12	3 3/8"	1 3/4"	1 1/16"	
70R84402S	RD-5-9735-0P	1 1/16" x 14	12	12	3 1/2"	2"	1 1/4"	



Female Tube O-Ring Swivel

45° Elbow – Long Pilot

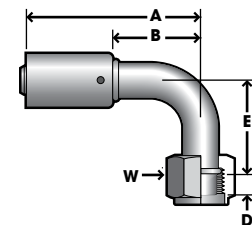
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94641S	RD-5-9725-0P	7/8" x 14	10	12	3 3/4"	2 1/4"	1 1/4"	1 1/16"	



Female Tube O-Ring Swivel

90° Elbow – Long Pilot (can be used with 45° male flare adapters)

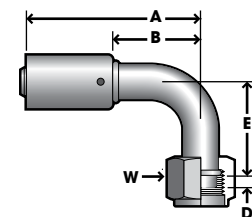
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94696S	RD-5-9714-0P	7/16" x 20	4	6	1 3/4"	1"	0.68"	9/16"	
70R94498S	RD-5-9716-0P	3/4" x 16	8	8	2 1/4"	1 1/8"	1.09"	7/8"	
70R94691S	RD-5-9711-0P	7/8" x 14	10	12	3 1/4"	1 5/8"	0.38"	1 1/16"	



Female Tube O-Ring Swivel

90° Elbow – Short Pilot

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84496S	RD-5-9741-0P	5/8" x 18	6	6	2 1/2"	0.83"	1.12"	3/4"	
70R84498S	RD-5-9742-0P	3/4" x 16	8	8	2 3/4"	1 1/4"	1 1/2"	7/8"	
70R84491S	RD-5-9738-0P	7/8" x 14	10	10	3 1/8"	1.60"	1 3/4"	1 1/16"	
70R84691S	RD-5-9739-0P	7/8" x 14	10	12	3 1/8"	2.57"	1 3/4"	1 1/16"	



Plain (no suffix) = aluminum S= Steel

PARKER REFRIGERANT HOSE FITTINGS

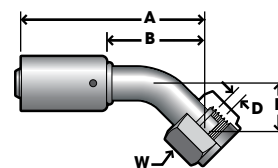
USE WITH P80 HOSE ONLY

TUBE O-RING SWIVEL

Female Tube O-Ring Swivel

45° Elbow – Short Pilot

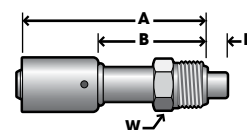
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84446S	RD-5-9702-OP	5/8" x 18	6	6	3 5/8"	2 1/8"	1 1/16"	3/4"	
70R84448S	RD-5-9703-OP	3/4" x 16	8	8	3 3/4"	2 1/4"	1"	7/8"	
70R84641S	RD-5-9701-OP	1/2" x 14	10	12	3 3/4"	2 1/4"	1 1/4"	1 1/4"	



Male Tube O-Ring Swivel

Straight – Long pilot

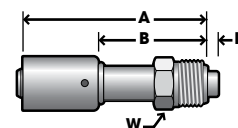
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R94306S	RD-5-9687-OP	5/8" x 18	6	6	3 1/8"	1 1/2"	5/8"	



Male Tube O-Ring Swivel

Straight – Short Pilot

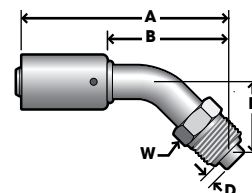
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R84306S	RD-5-9756-OP	5/8" x 18	6	6	3 1/8"	1 1/2"	5/8"	
70R84308S	RD-5-9757-OP	3/4" x 18	8	8	3 1/2"	1 7/8"	3/4"	
70R84301S	RD-5-9753-OP	7/8" x 18	10	10	3 1/2"	2"	7/8"	
70R84701S	RD-5-9754-OP	7/8" x 18	10	12	3 1/2"	2"	7/8"	



Male Tube O-Ring Swivel

45° Elbow – Short Pilot

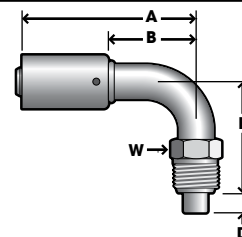
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84546S	RD-5-9731-OP	5/8" x 18	6	6	4 3/8"	2.81"	1 3/4"	5/8"	
70R84548S	RD-5-9732-OP	3/4" x 18	8	8	5 7/8"	3.08"	2"	3/4"	
70R84541S	RD-5-9729-OP	7/8" x 18	10	10	6 5/8"	3.79"	2 3/8"	7/8"	
70R84741S	RD-5-9730-OP	7/8" x 18	10	12	6 5/8"	3.79"	2 3/8"	7/8"	



Male Tube O-Ring Swivel

90° Elbow – Long Pilot

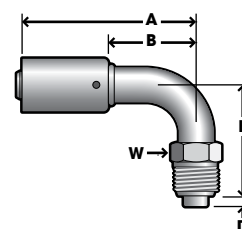
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94396S	RD-5-9722-OP	5/8" x 18	6	6	3 1/8"	1 1/2"	2 1/4"	5/8"	
70R94398S	RD-5-9724-OP	3/4" x 18	8	8	3 1/8"	1 1/2"	2 3/4"	3/4"	
70R94391S	RD-5-9719-OP	7/8" x 18	10	10	3 7/8"	2 1/4"	3"	7/8"	



Male Tube O-Ring Swivel

90° Elbow – Short Pilot

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84396S	RD-5-9707-OP	5/8" x 18	6	6	3 1/8"	1.50"	2 1/4"	5/8"	
70R84398S	RD-5-9708-OP	3/4" x 18	8	8	3 1/8"	1.52"	2 3/4"	3/4"	
70R84791S	RD-5-9705-OP	7/8" x 18	10	12	3 7/8"	2.23"	3"	7/8"	



Plain (no suffix) = aluminum S= Steel

70R SERIES

PARKER REFRIGERANT HOSE FITTINGS

USE WITH P80 HOSE ONLY

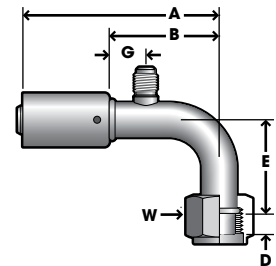
R-12 – TUBE O-RING SWIVEL

Female Tube O-Ring Swivel

90° Elbow – Long Pilot with R-12 Charge Port



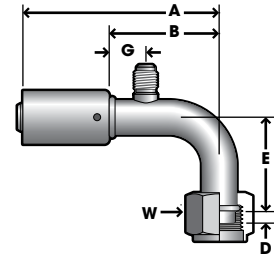
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94998S	RD-5-9717-0P	3/4" x 16	8	8	4 5/8"	3 1/8"	1 5/8"	7/8"	
70R94991S	RD-5-9709-0P	7/8" x 14	10	10	4 3/8"	2 3/4"	1 5/8"	1 1/16"	
70R94692S	RD-5-9712-0P	7/8" x 14	10	12	4 3/4"	3 1/8"	2"	1 1/16"	



Female Tube O-Ring Swivel

90° Elbow – Short Pilot with R-12 Charge Port

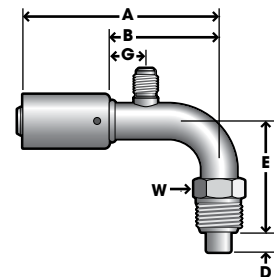
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84692S	RD-5-9706-0P	1/2" x 18	10	12	4 1/4"	2 1/4"	3"	1/4"	



Male Tube O-Ring Swivel

90° Elbow – Long Pilot with R-12 Charge Port

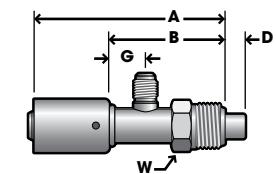
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94646S	RD-5-9723-0P	5/8" x 18	6	6	4"	2 3/8"	2 1/8"	5/8"	



Male Tube O-Ring Swivel

Straight – Long Pilot with R-12 Charge Port

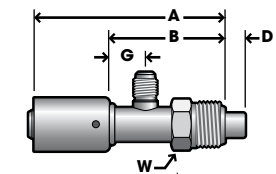
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R94316S	RD-5-9688-0P	5/8" x 18	6	6	5 1/4"	3 5/8"	5/8"	



Male Tube O-Ring Swivel

Straight – Short Pilot with R-12 Charge Port

	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R84321S	RD-5-9755-0P	7/8" x 18	10	10	4 1/8"	2 1/2"	7/8"	



Plain (no suffix) = aluminum S= Steel

PARKER REFRIGERANT HOSE FITTINGS

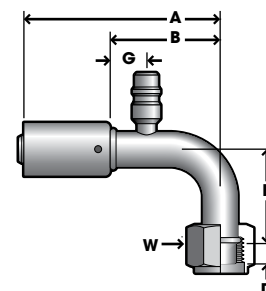
USE WITH P80 HOSE ONLY

TUBE O-RING SWIVEL

Female Tube O-Ring Swivel

90° Elbow – Long Pilot with R-134A Charge Port

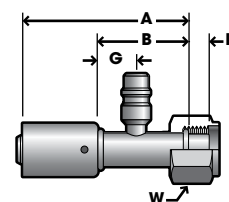
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R96496S	RD-5-9715-0P	5/8" x 18	6	6	4 5/8"	3"	1 5/8"	3/4"	
70R96598S	RD-5-9718-0P	3/4" x 16	8	8	4 3/8"	2 3/4"	1 5/8"	7/8"	
70R96491S	RD-5-9710-0P	7/8" x 14	10	10	4 3/4"	3 1/8"	2"	1 1/16"	
70R95091S	RD-5-9713-0P	7/8" x 14	10	12	4 3/4"	3 1/8"	2"	1 1/16"	



Female Tube O-Ring Swivel

Straight – Long Pilot with R-134A Charge Port

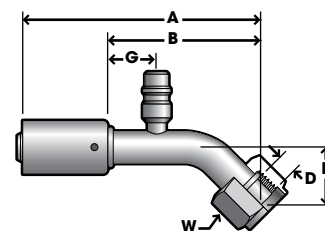
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R97006S	RD-5-9693-0P	5/8" x 18	6	6	3 5/8"	2 1/8"	3/4"	
70R97701S	RD-5-9691-0P	1/2" x 14	10	12	4 1/8"	2 1/8"	1 1/8"	



Female Tube O-Ring Swivel

45° Elbow – Long Pilot with R-134A Charge Port

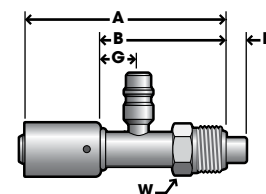
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R96448S	RD-5-9727-0P	3/4" x 16	8	8	5 3/8"	3 3/4"	7/8"	7/8"	
70R96741S	RD-5-9726-0P	7/8" x 14	10	12	5 7/8"	4 1/4"	1"	1 1/16"	



Male Tube O-Ring Swivel

Straight – Long Pilot with R-134A Charge Port

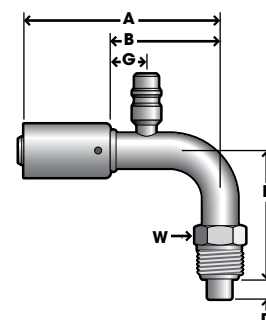
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R94511S	RD-5-9686-0P	7/8" x 18	10	12	4 1/2"	3"	7/8"	



Male Tube O-Ring Swivel

90° Elbow – Long Pilot with R-134A Charge Port

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94591S	RD-5-9720-0P	7/8" x 18	10	12	4 3/4"	3 1/8"	2 3/8"	7/8"	



Plain (no suffix) = aluminum S= Steel

70R SERIES

PARKER REFRIGERANT HOSE FITTINGS

USE WITH P80 HOSE ONLY

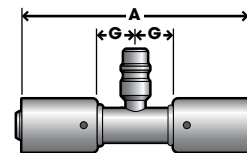
TUBE O-RING SWIVEL

Splicer

With R-134A Charge Port



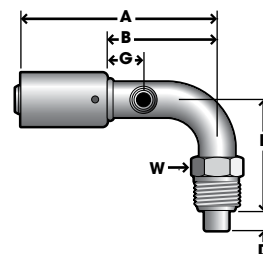
	Factory Number	Thread	Fitting Size	Hose Size	A	Port
70R82076S	RD-5-10498-0P	5/8" x 18	6	-6	4 3/4"	
70R82078S	RD-5-10499-0P	3/4" x 16	8	-8	5 1/8"	
70R82071S	RD-5-10500-0P	7/8" x 14	10	-10	5 1/8"	



Male Tube O-Ring Swivel

90° Elbow Long Pilot with R-134A Charge Port

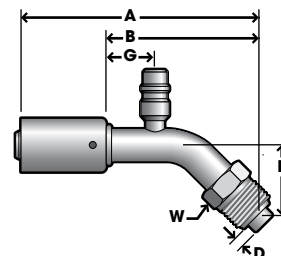
	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94791S	RD-5-9721-0P	7/8" x 18	10	12	4 3/4"	3 1/8"	2 3/8"	7/8"	



Male Tube O-Ring Swivel

45° Elbow Long Pilot with R-134A Charge Port

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R94341S	RD-5-9728-0P	7/8" x 18	10	12	6 1/4"	4 5/8"	1 3/8"	7/8"	



Plain (no suffix) = aluminum S= Steel

PARKER REFRIGERANT HOSE FITTINGS

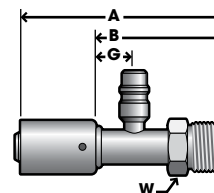
USE WITH P80 HOSE ONLY

TUBE O-RING RIGID PORT

Male Tube O-Ring Straight

with R-134a Charge Port

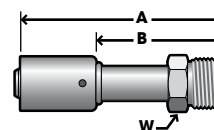
	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R84561S	RD-5-9698-0P	7/8" x 18	10	12	5 1/2"	4"	7/8"	



Male Tube O-Ring

Rigid Port

	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R84506S	RD-5-9699-0P	5/8" x 18	6	6	3 1/8"	1 1/2"	5/8"	
70R84501S	RD-5-9696-0P	7/8" x 14	10	10	3 1/2"	2"	7/8"	
70R84551S	RD-5-9697-0P	7/8" x 14	10	12	3 1/2"	2"	7/8"	



70R SERIES

PARKER REFRIGERANT HOSE FITTINGS

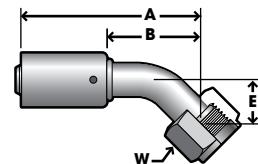
USE WITH P80 HOSE ONLY

SAE 45 SWIVEL

45° Elbow

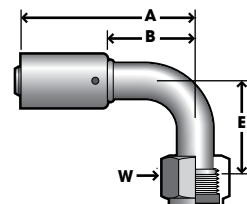


	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84246S	RD-5-9746-0P	5/8" x 18	6	6	3 5/8"	2 1/8"	5/8"	3/4"	
70R84248S	RD-5-9747-0P	3/4" x 16	8	8	3 7/8"	2 1/4"	1"	7/8"	
70R84241S	RD-5-9743-0P	7/8" x 14	10	10	3 7/8"	2 1/4"	1 1/8"	1"	
70R84251S	RD-5-9744-0P	7/8" x 14	10	12	3 3/4"	2 1/4"	1 1/4"	1"	
70R84242S	RD-5-9745-0P	1 1/16" x 14	12	12	3 7/8"	2 1/4"	1 1/4"	1 1/4"	



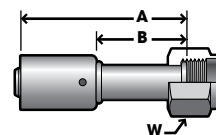
90° Elbow

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
70R84296S	RD-5-9751-0P	5/8" x 18	6	6	3"	1 3/8"	1 1/8"	3/4"	
70R84298S	RD-5-9752-0P	3/4" x 16	8	8	3"	1 1/2"	1 3/8"	7/8"	
70R84291S	RD-5-9748-0P	7/8" x 14	10	10	3 3/8"	1 3/4"	1 7/8"	1"	
70R84891S	RD-5-9749-0P	7/8" x 14	10	12	3 3/8"	1 3/4"	1 7/8"	1"	
70R84292S	RD-5-9750-0P	1 1/16" x 14	12	12	3 1/2"	2"	2 1/4"	1 1/4"	



Straight

	Factory Number	Thread	Fitting Size	Hose Size	A	B	W	Port
70R84206S	RD-5-9684-0P	5/8" x 18	6	6	3 1/2"	2"	3/4"	
70R84208S	RD-5-9685-0P	3/4" x 16	8	8	3 3/4"	2 1/8"	7/8"	
70R84201S	RD-5-9681-0P	7/8" x 14	10	10	4"	2 3/8"	1"	
70R84202S	RD-5-9683-0P	1 1/16" x 14	12	12	4 3/8"	2 3/4"	1 1/4"	



Plain (no suffix) = aluminum S= Steel

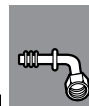
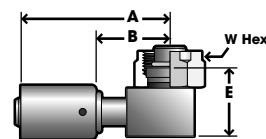
PARKER REFRIGERANT HOSE FITTINGS

USE WITH P80 HOSE ONLY

COMPRESSOR FITTINGS

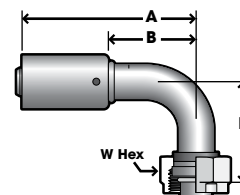
90° Elbow

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
75R75678S	RD-5-9763-0P	1" x 14	12	8	3"	1 7/16"	1 3/16"	1 1/8"	
75R75672S	RD-5-9769-0P	1" x 14	12	12	3 1/8"	1 5/16"	1 3/16"	1 1/8"	



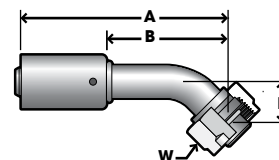
90° Elbow

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
75R75858S	RD-5-9764-0P	1" x 14	12	8	3"	1 7/16"	1 1/2"	1 1/8"	
75R75852S	RD-5-9771-0P	1" x 14	12	12	3 1/8"	1 5/8"	1 5/8"	1 1/8"	



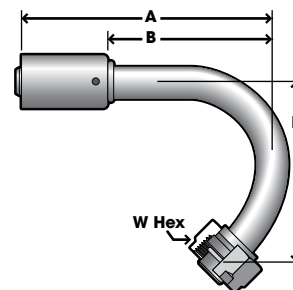
45° Elbow

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
75R75832S	RD-5-9770-0P	1" x 14	12	12	4 1/8"	2 1/2"	3/4"	1 1/8"	
75R75838S	RD-5-9765-0P	1" x 14	12	8	4"	2 3/8"	3/4"	1 1/8"	



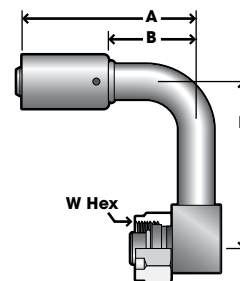
135° Elbow

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
75R75158S	RD-5-9766-0P	1" x 14	12	8	4.84"	3 1/4"	3 1/8"	1 1/8"	
75R75152S	RD-5-9768-0P	1" x 14	12	12	4.97"	3 3/8"	3 1/4"	1 1/8"	



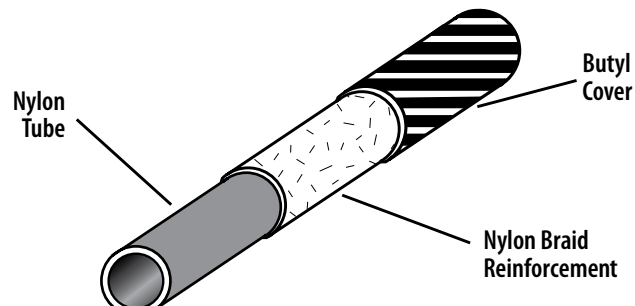
180° Block Type

	Factory Number	Thread	Fitting Size	Hose Size	A	B	E	W	Port
75R75142S	RD-5-9767-0P	1" x 14	12	12	3 1/4"	1 5/8"	3 1/8"	1 1/8"	



Plain (no suffix) = aluminum S= Steel

P80 HOSE SPECIFICATIONS



Part No		SAE Hose Size	I.D.	O.D.	Length
78R8806	RD-5-9820-0P	#6	5/16"	5/8"	100 ft Box
78R8806SPD	RD-5-9824-0P	#6	5/16"	5/8"	275 ft Reel
78R8808	RD-5-9821-0P	#8	13/32"	3/4"	100 ft Box
78R8808SPD	RD-5-9825-0P	#8	13/32"	3/4"	275 ft Reel
78R8810	RD-5-9822-0P	#10	1/2"	7/8"	100 ft Box
78R8810SPD	RD-5-9826-0P	#10	1/2"	7/8"	275 ft Reel
78R8812	RD-5-9823-0P	#12	5/8"	1"	100 ft Box
78R8812SPD	RD-5-9827-0P	#12	5/8"	1"	275 ft Reel

For use with Parker Fittings

PARKER REFRIGERANT HOSE FITTINGS

PARKER PART NUMBER CONVERSION

OLD PARKER P/N	Catalog Number	DESCRIPTION
PH 10828 10 10	70R84201S	Female SAE 45° Swivel
PH 10828 12 12	70R84202S	Female SAE 45° Swivel
PH 10828 6 6	70R84206S	Female SAE 45° Swivel
PH 10828 8 8	70R84208S	Female SAE 45° Swivel
PH 14528 10 12PT	70R94511S	Male tube o-ring swivel straight - long pilot with charge port for R134a
PH 14528 6 6	70R94306S	Male tube o-ring swivel straight - long pilot
PH 14528 6 6PR	70R94316S	Male tube o-ring swivel straight - long pilot with charge port for R12
PH 15928 10 12	70R94601S	Female tube o-ring swivel straight - long pilot
PH 15928 10 12PT	70R97701S	Female tube o-ring swivel straight - long pilot with charge port for R134a
PH 15928 6 6	70R94406S	Female tube o-ring swivel straight - long pilot
PH 15928 6 6PT	70R97006S	Female tube o-ring swivel straight - long pilot with charge port for R134a
PH 15928 8 8	70R94408S	Female tube o-ring swivel straight - long pilot
PH 15928 8 8PT	70R97008S	Female tube o-ring swivel straight - long pilot with charge port for R134a
PH 15G28 10 10	70R84501S	Male insert o-ring braze nut - straight
PH 15G28 10 12	70R84551S	Male insert o-ring braze nut - straight
PH 15G28 10 12PR	70R84561S	Male tube o-ring rigid port (3 step) straight with charge port for R12 mates with female tube o-ring swivels
PH 15G28 6 6	70R84506S	Male insert o-ring braze nut - straight
PH 15H28 10 10	70R84441S	Female tube o-ring swivel 45° elbow - short pilot
PH 15H28 10 12	70R84641S	Female tube o-ring swivel 45° elbow - short pilot
PH 15H28 6 6	70R84446S	Female tube o-ring swivel 45° elbow - short pilot
PH 15H28 8 8	70R84448S	Female tube o-ring swivel 45° elbow - short pilot
PH 15K28 10 10PR	70R84991S	Male tube o-ring swivel 90° elbow - short pilot with charge port at 180° for R12
PH 15K28 10 12	70R84791S	Male tube o-ring swivel 90° elbow - short pilot
PH 15K28 10 12PR	70R84692S	Male tube o-ring swivel 90° elbow - short pilot with charge port at 180° for R12
PH 15K28 6 6	70R84396S	Male tube o-ring swivel 90° elbow - short pilot
PH 15K28 8 8	70R84398S	Male tube o-ring swivel 90° elbow - short pilot
PH 15L28 10 10PR	70R94991S	Female tube o-ring swivel - 90° elbow with charge port at 180° for R12
PH 15L28 10 10PT	70R96491S	Female tube o-ring swivel 90° elbow - long pilot with charge port at 180° for R134a
PH 15L28 10 12	70R94691S	Female tube o-ring swivel 90° elbow - long pilot
PH 15L28 10 12PR	70R94692S	Female tube o-ring swivel - 90° elbow with charge port at 180° for R12
PH 15L28 10 12PT	70R95091S	Female tube o-ring swivel 90° elbow - long pilot with charge port at 180° for R134a
PH 15L28 6 6	70R94696S	Female tube o-ring swivel 90° elbow - long pilot
PH 15L28 6 6PT	70R96496S	Female tube o-ring swivel 90° elbow - long pilot with charge port at 180° for R134a
PH 15L28 8 8	70R94498S	Female tube o-ring swivel 90° elbow - long pilot
PH 15L28 8 8PR	70R94998S	Female tube o-ring swivel - 90° elbow with charge port at 180° for R12
PH 15L28 8 8PT	70R96598S	Female tube o-ring swivel 90° elbow - long pilot with charge port at 180° for R134a
PH 15M28 10 10	70R94391S	Male tube o-ring swivel 90° elbow - long pilot
PH 15M28 10 12PT	70R94591S	Male tube o-ring swivel 90° elbow - long pilot with charge port at 180° for R134a
PH 15M28 10 12PV	70R94791S	Male tube o-ring swivel 90° elbow - long pilot with charge port at 270° for R134a
PH 15M28 6 6	70R94396S	Male tube o-ring swivel 90° elbow - long pilot
PH 15M28 6 6PR	70R94646S	Male tube o-ring swivel - 90° elbow - long pilot with charge port at 180° for R12
PH 15M28 8 8	70R94398S	Male tube o-ring swivel 90° elbow - long pilot
PH 15N28 10 12	70R94641S	Female tube o-ring swivel 45° elbow - long pilot
PH 15N28 10 12PT	70R96741S	Female tube o-ring swivel 45° elbow - long pilot with charge port at 180° for R134a
PH 15N28 8 8PT	70R96448S	Female tube o-ring swivel 45° elbow - long pilot with charge port at 180° for R134a



PARKER REFRIGERANT HOSE FITTINGS

PARKER PART NUMBER CONVERSION

OLD PARKER P/N	Catalog Number	DESCRIPTION
PH 15P28 10 12PT	70R94341S	Male tube o-ring swivel 45° elbow - long pilot with charge port at 180° for R134a
PH 15R28 10 10	70R84541S	Male tube o-ring swivel 45° elbow - short pilot
PH 15R28 10 12	70R84741S	Male tube o-ring swivel 45° elbow - short pilot
PH 15R28 6 6	70R84546S	Male tube o-ring swivel 45° elbow - short pilot
PH 15R28 8 8	70R84548S	Male tube o-ring swivel 45° elbow - short pilot
PH 15S28 10 10	70R84401S	Female tube o-ring swivel straight - short pilot
PH 15S28 10 12	70R84601S	Female tube o-ring swivel straight - short pilot
PH 15S28 12 12	70R84402S	Female tube o-ring swivel straight - short pilot
PH 15S28 6 6	70R84406S	Female tube o-ring swivel straight - short pilot
PH 15S28 8 8	70R84408S	Female tube o-ring swivel straight - short pilot
PH 15T28 10 10	70R84491S	Female tube o-ring swivel 45° elbow - long pilot
PH 15T28 10 12	70R84691S	Female tube o-ring swivel 45° elbow - long pilot
PH 15T28 12 12	70R84492S	Female tube o-ring swivel 45° elbow - long pilot
PH 15T28 6 6	70R84496S	Female tube o-ring swivel 45° elbow - long pilot
PH 15T28 8 8	70R84498S	Female tube o-ring swivel 45° elbow - long pilot
PH 17728 10 10	70R84241S	Female SAE 45° Swivel 45° elbow
PH 17728 10 12		Female SAE 45° Swivel 45° elbow
PH 17728 12 12	70R84242S	Female SAE 45° Swivel 45° elbow
PH 17728 6 6	70R84246S	Female SAE 45° Swivel 45° elbow
PH 17728 8 8	70R84248S	Female SAE 45° Swivel 45° elbow
PH 17928 10 10	70R84291S	Female SAE 45° Swivel 90° elbow
PH 17928 10 12	70R84691S	Female SAE 45° Swivel 90° elbow
PH 17928 12 12	70R84292S	Female SAE 45° Swivel 90° elbow
PH 17928 6 6	70R84296S	Female SAE 45° Swivel 90° elbow
PH 17928 8 8	70R84298S	Female SAE 45° Swivel 90° elbow
PH 15S28 10 10	70R84301S	Male tube o-ring swivel straight short pilot 10 - 10
PH 15S28 10 12	70R84701S	Male tube o-ring swivel straight short pilot 10 - 12
PH 15S28 10 12PR	70R84321S	Male tube o-ring swivel straight - short pilot with charge port for R12
PH 15S28 6 6	70R84306S	Male tube o-ring swivel straight short pilot 6 6
PH 15S28 8 8	70R84308S	Male tube o-ring swivel straight short pilot 8 8
PH 1T128 10 10	70R84001S	Male flareless with o-ring seal
PH 1T128 10 12		Male flareless with o-ring seal
PH 1T128 12 12	70R84002S	Male flareless with o-ring seal
PH 1T128 6 6	70R84006S	Male flareless with o-ring seal
PH 1T128 8 8	70R84008S	Male flareless with o-ring seal
PH 930266	75R75678S	Compressor fitting 90° Block type
PH 930267	75R75858S	Compressor fitting 90° Elbow
PH 930268	75R75838S	Compressor fitting 45° Elbow
PH 930269	75R75158S	Compressor fitting 135° Elbow
PH 930270	75R75142S	Compressor fitting 180° Block type
PH 930271	75R75152S	Compressor fitting 135° Elbow
PH 930272	75R75672S	Compressor fitting 90° Block type
PH 930274	75R75832S	Compressor fitting 45° Elbow
PH 930276	75R75852S	Compressor fitting 90° Elbow



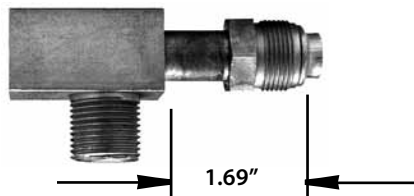
REFRIGERANT HOSE FITTINGS & ACCESSORIES

RED DOT O-RING TEE BLOCKS

70R2201

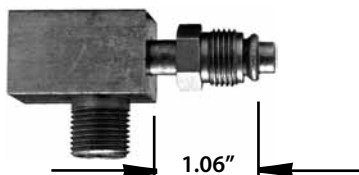
RD-5-4527-0P

#10 Tee Block with Swivel Nut

**70R2206**

RD-5-4528-0P

#6 Tee Block with Swivel Nut

**70R2306**

RD-4187-0P

Three #6 Female Inlets

**70R2301**

RD-4186-0P

Three #10 Female Inlets



NOTE: Use tee block to tee sleeper AC into existing system.

O-RINGS

70R5056

RD-5-3728-OM

**RED
#6****70R5046**

RD-5-10942-OM

**BLUE
#6**

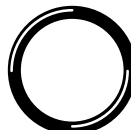
GM CAPTIVE

70R5058

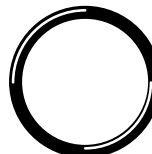
RD-5-3729-OM

**RED
#8****70R5051**

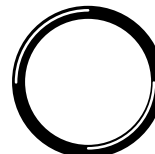
RD-5-3730-OM

**RED
#10****70R5052**

RD-5-9061-OM

**RED
#12****70R5042**

RD-5-10943-OM

**BLACK
#12**

GM CAPTIVE

70R5057

RD-5-10085-OM

**GREEN
Expansion Valve
Equalizer Tube**

O-Rings ship 25 per package

75R5520

RD-5-3698-OM

Teflon Rotolock Compressor Gasket Seal
IHC/Navistar ZGG19499
10 Per Package

**75R5525**

RD-5-9806-OM

O-Ring seal fits Sanden FLX7 fitting adapters used on suction and discharge side of compressor. GM A6/DA6/HR6/R4/V5/FS10 Suction/Discharge Port O-Ring Seal
10 Per Package



UNIVERSAL O-RING AND FASTENER KITS



Universal O-Ring & Service Parts

70R5000	RD-5-4905-0P
10	Cover, Stem, Service Valve
25	O-Ring - #12 Hose Fitting
25	O-Ring - #10 Hose Fitting
25	O-Ring - #8 Hose Fitting
25	O-Ring - #6 Hose Fitting
10	Cap - Access Schrader Port
10	O-Ring - Gm Capillary Tube
10	Gasket - York/tecumseh Flange Hd
3	Refrigeration Valve Core
10	Nut - Acorn, Service Vlv. Port Aluminum
3	Cap - 1/4" Quick Seal
3	Cap - 3/16" Quick Seal
10	Gasket - Teflon Rotolock
2	Adapter - Rotolock To Tube "O"



Universal O-Ring Assortment

70R5010	RD-5-9988-0P
10	No. 10 GM Captive O-Ring
10	Chrysler Block Valve O-Ring
10	GM A6, DA6, HR6, V5, Ford, FS10, FX15, 10PA Service Valve O-Ring
10	GM Compressor Service Valve O-Ring
10	No. 8 GM Captive O-Ring
10	No. 10 GM, Ford, Chrysler, Import Hose Fitting O-Ring
10	Capillary O-Ring
10	Nissan No.8 Hose Fitting/Drier O-Ring
10	No.8 GM, Ford, Chrysler, Import Hose Fitting O-Ring
10	No. 12 GM Captive O-Ring
10	No. 6 GM Captive O-Ring
10	GM No.10 Dual O-Ring
10	No. 12 GM, Ford, Chrysler/Import Hose Fitting O-Ring
10	No. 6 GM/Ford, Chrysler/Import Hose Fitting O-Ring
10	No. 8 Dual O-Ring
10	No. 10 Ford Springlock Fitting O-Ring
10	Comp. Switch Port/Oil Plug/No.6 Compression Fitting O-Ring
10	No. 8 Ford Springlock Fitting O-Ring
10	No. 12 Ford Springlock Fitting O-Ring
10	No. 6 Ford Springlock Fitting O-Ring
10	GM No. 12 Dual O-Ring
10	GM "Oval" Service Valve O-Ring
10	Chrysler Block Valve/GM R4 Service Valve O-Ring

UNIVERSAL O-RING AND FASTENER KITS



O-Ring & Service Assortment Kit

70R5005	RD-5-9989-0P
7	GM Compressor Port O-Ring
7	No. 8 GM Captured O-Ring
7	No. 10 Hose Fitting O-Ring
7	Equalizer Tube O-Ring
7	No. 8 Hose Fitting O-Ring
7	No. 12 Captured Fitting O-Ring
7	No. 6 Captured O-Ring
7	No. 12 Hose Fitting O-Ring
7	No. 6 Hose Fitting O-Ring
10	CCI & Tecumseh Rotolock Service Valve Teflon Tape
3	CCI & Tecumseh Long Stem Cap
10	Charging Port Cap (3/16")
10	Service Valve Cap (1/4")
1	A-6 Shaft Nut
1	Washer
1	Clutch Retaining Ring
10	Charging Hose Seal
10	Charging Hose Depressor
10	Can Tap Seal Gasket
3	A-6 Shaft Key
3	CCI & Tecumseh Compressor Woodruff Key
3	Sanden Shaft Key
10	Schrader Valve Core
10	Expansion Valve Inlet

Bagged O-Ring Assortment Kit

70R5020	RD-5-9987-0P
1	O-Ring #4
7	O-Ring #6
6	O-Ring #8
4	O-Ring #10
1	O-Ring #12

SLIMLINE & STAT-O-SEALS FOR FREIGHTLINER

SLIMLINE SEALS

70R5022

RD-5-10200-0M

#6 Slimline Seal $\frac{1}{16}$ " O.D., $\frac{5}{16}$ " I.D.

Metal Washer (Black)

10 pieces

OE# ABP N83 312076

**70R5024**

RD-5-10199-0M

#8 Slimline Seal $\frac{1}{16}$ " O.D., $\frac{7}{16}$ " I.D.

Metal Washer (Black)

10 pieces

OE# ABP N83 312060

**70R5026**

RD-5-10198-0M

#10 Slimline Seal $\frac{3}{4}$ " O.D., $\frac{9}{16}$ " I.D.

Metal Washer (Black)

10 pieces

OE# ABP N83 312092

**70R5035**

RD-5-12675-0M

Freightliner/GM 1" O.D., $\frac{5}{8}$ " I.D. 17mm Slimline
Block Sealing Washer

10 pieces

OE# ABP N83 312222, 23-13204-000



MINI STAT-O-SEALS

70R5031

RD-5-11527-0M

#6 Mini Stat-O-Seal $\frac{3}{8}$ " O.D., $\frac{5}{16}$ " I.D.

(8mm Slimline block sealing washer)

Metal Washer with Rubber Insert (Red)

10 pieces

OE# ABP N83 312366, 23-13201-000, Parker 336565

**70R5032**

RD-5-11528-0M

#8 Mini Stat-O-Seal $\frac{7}{4}$ " O.D., $\frac{7}{16}$ " I.D.

Metal Washer with Rubber Insert (Red)

10 pieces

OE# ABP N83 312368, 23-13202-000, Parker 556565

**70R5033**

RD-5-11529-0M

#10 Mini Stat-O-Seal $\frac{15}{16}$ " O.D., $\frac{9}{16}$ " I.D.

Metal Washer with Rubber Insert (Red)

10 pieces

OE# ABP N83 312361, 23-13203-000, Parker 668565

Fits 71R8455 expansion valve

Hose side out

**70R5034**

RD-5-11530-0M

#12 Mini Stat-O-Seal 1 $\frac{1}{8}$ " O.D., $\frac{1}{16}$ " I.D.

Metal Washer with Rubber Insert (Red)

10 pieces

OE# ABP N83 312372, 23-13205-000, Parker 720565

Fits 71R8455 expansion valve

Evaporator side out



SLIMLINE/STAT-O-SEAL SERVICE KIT

79R8950

RD-5-12676-0P



This assortment of popular valve cores and seals fits today's various air conditioning parts including pad fittings for block valves, driers / accumulators, compressors, cores and parts where a positive seal is required. The seals in this kit are made from today's modern materials including Teflon, viton and elastomers which assure a positive seal.

Freightliner
#6 8mm Mini
Stat-O-Seal

OEM #23-13201-000
70R5031 / RD-5-11527-0M

5 PER KIT



Freightliner
#8 11mm Mini
Stat-O-Seal

OEM #23-13202-000
70R5032 / RD-5-11528-0M

5 PER KIT



Freightliner
#10 - $\frac{1}{16}$ " Thin Stepped Mini
Stat-O-Seal

OEM #23-13203-000
70R5033 / RD-5-11529-0M

5 PER KIT



Freightliner/GM
1" O.D. x $\frac{5}{8}$ " I.D. 17mm Slimline
Block Sealing Washer

OEM #23-13204-000
70R5035 / RD-5-12675-0M

5 PER KIT



Freightliner
#12
Mini Stat-O-Seal

OEM #23-13205-000
70R5034 / RD-5-11530-0M

5 PER KIT



R-134a
High Flow Valve
Core, M8 High
Side Adapter

70R5120 /
RD-5-9809-0M

5 PER KIT



High Flow Valve Core Remover/Installer Tool

79R8945 / RD-5-12674-0P

1 PER KIT



R-134a
High Flow Valve
Core, M10 Low
Side Adapter

70R5125 /
RD-5-9810-0M

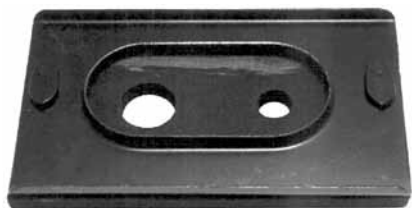
5 PER KIT



REFRIGERANT HOSE FITTINGS & ACCESSORIES

RED DOT DECK PLATES

Sponge Rubber Gasket accepts #6 OR #10 Freon or Heater Hose

70R2700**RD-2-0764-0P****70R2710****RD-3-3050-0P****70R2720****RD-3-2613-0P**

GROMMETS

70R5200**RD-5-3861-0P**

Fits a 2" Hole — used for a #6 and a #10 refrigerant hose when routing hose through bulkheads or floor boards.

**70R5210****RD-5-6600-0P**

Fits #6 to #12 Refrigerant Hose

SIGHT GLASS
MOISTURE INDICATOR

The easy to see element in this sight glass changes from blue to pink when it is time to change your Receiver Drier. (After installing a new drier indicator returns to blue.)

70R3500**RD-5-4903-0P**

#6 (5/8 - 18 UNF-2A) Male O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut

With high pressure relief valve (opens 450-550 psi; reseals before 400 psi & Gage port 7/16 - 020 UNF-2A thread Schrader valve

**70R3530****RD-5-7071-0P**

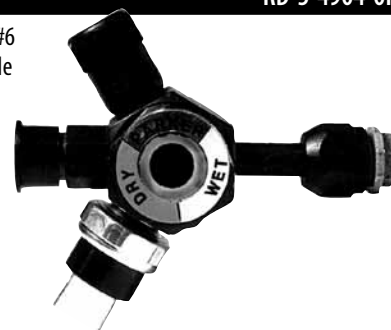
#6 (5/8 - 18 UNF-2A) Male O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut

With high pressure relief valve (opens 450-550 psi; reseals before 400 psi & Gage port 7/16 - 020 UNF-2A thread Schrader valve

**70R3550****RD-5-4904-0P**

#6 (5/8 - 18 UNF-2A) O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut

With low pressure switch & high pressure relief valve (#6 O-Ring)

**70R3590****RD-5-4813-0P**

90° #6 (5/8 - 18 UNF-2A) O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut

With pressure sensing switch & Gage port, 1/4 SAE Flare Schrader



70R SERIES

REFRIGERANT HOSE FITTINGS & ACCESSORIES

FLARE ADAPTERS

(LONG PILOT) Originally Designed by Red Dot
Shipped 10 / Package

70R3006 — RD-2-0750-0M
#6 O-Ring to #6 45° Flare

70R3008 — RD-2-0861-0M
#8 O-Ring to #8 45° Flare

70R3001 — RD-2-1495-0M
#10 O-Ring to #10 45° Flare



CONDENSER REPAIR FITTINGS

Fittings fit directly onto the end of 3/8" copper tubes
used on Red Dot condensers

Brass Condenser Fitting

70R3206 #6
RD-4177-0P

70R3208 #8
RD-4179-0P

70R3201 #10
RD-5-3849-1P



Aluminum Condenser Fitting

70R3406 #6
RD-4-3364-0P

70R3408 #8
RD-4-3365-0P



EVAPORATOR REPAIR FITTINGS

Universal Evaporator Repair Parts for Red Dot
Evaporators

70R3256 RD-4296-0M

#8 Male O-Ring
Swivel Fitting
10 per Package



70R3258 RD-4322-1P

#10 Male O-Ring
Swivel Fitting
1 per Package



70R7050 RD-4317-6M

Fitting Neck: #8 Length: 2 1/4"
10 per Package



QUICK DISCONNECT FITTINGS

70R3800 RD-5-4832-0M

Quick Disconnect #6 O-Ring



70R3906 RD-2-0871-2P

Quick Disconnect #6 Male O-Ring (5 1/4" long)
1" diameter mounting hole required
Some assembly required
Replacement O-Ring: 70R5046



70R3901 RD-2-0872-2P

Quick Disconnect #10 Male O-Ring (6 1/4" long)
1 1/2" diameter mounting hole required
Some assembly required
Replaces Cat #5P-3929
Replacement O-Ring: 70R5051



NOTE: For component removal (such as evaporator unit) without
loss of refrigerant from A/C system

EZ CLIP to QUICK DISCONNECT FITTING ADAPTERS

70R3908 RD-2-4844-1P

#8 EZ-Clip male fitting to #6 quick disconnect
female adapter (converts 70R3906 above) Includes
cage and clips



70R3912 RD-2-4845-1P

#12 EZ-Clip male fitting to #10 quick disconnect
female adapter (converts 70R3901 above) Includes
cage and clips



SCHRADER ADAPTER FITTING

70R5100 RD-5-6098-0M

3/8-24 UNF-2A Male Thread with Bulkhead Type Seal
Using a 2-012 O-Ring for Installation in Receiver
Drier Pressure Ports
10 per package



70R5110 RD-5-6691-0M

Refrigeration Valve Core for Schrader Valves
10 per package



70R5115 RD-5-9084-0M

Valve Core for 134A Fittings
10 per package



70R5120 RD-5-9809-0M

Eaton 13mm SSV High Flow High Side
10 per package



70R5125 RD-5-9810-0M

Eaton 16mm SSV High Flow Low Side
10 per package



79R8945 RD-5-12474-0P

High Flow Schrader Core Remover/Installer Tool



BRAZE-ON M10 ACCESS VALVES

Must use 70R5110 valve core and 70R5056 O-ring
to complete installation.

70R5103 RD-5-7759-0M

Schrader Valve with M10 Thread
with .188 Radius Saddle for use
on #6 tube
10 per package



70R5105 RD-5-8984-0M

Schrader Valve with M10
Thread with .250 Radius Saddle
for use on #8 tube
10 per package



REFRIGERANT HOSE FITTINGS & ACCESSORIES

HOSE CLAMPS

70R5550* RD-5-4035-10M

5/8" Heater Hose Clamp

**70R5565*** RD-5-4476-12M

#12 size Double Silicone Hose Clamp

**70R5600*** RD-5-4035-16M

3/4" Heater Hose Clamp

**70R5650** RD-5-4035-52P

3 3/4" Defrost Hose Clamp

**70R5701*** RD-5-3791-0P

#10 Size Single Hose Clamp

**70R5702*** RD-5-6865-0M

#12 Size Single Hose Clamp

**70R5706*** RD-5-4665-0M

#6 Size Single Hose Clamp

**70R5708*** RD-5-4666-0M

#8 Size Single Hose Clamp

**70R5718** RD-5-5256-0M

#8 Size Single Hose Clamp

**70R5770** RD-5-4400-0P

Double Hose Clamp



RED DOT HEATER HOSE CONNECTORS AND ADAPTERS**

70R7100 RD-4130-1P

5/8" Hose to 5/8" Hose—Straight

**70R7200** RD-5-3876-1P

3/4" Hose to 3/4" Hose—Straight

**70R7110** RD-5-5525-0P

5/8" Hose to 3/4" Hose Setup

**70R7115** RD-5-5305-0P

5/8" Hose to 5/8" Hose Rubber Elbow

**70R7150** RD-4366-0P

5/8" Hose to 5/8" Hose 90° Elbow

**70R7170** RD-1-0662-0P

5/8" to 5/8" Hose 90° Elbow - 8 1/4" x 6"

**70R7175** RD-1-0662-2P

5/8" to 5/8" Hose 90° Elbow - 9 1/4" x 7"

**70R7250** RD-5-4471-0P

3/4" Hose to 3/4" Hose 90° Elbow

**70R7270** RD-1-0661-0P

5/8" to 3/4" Hose 90° Elbow Setup

**70R7310** RD-1-0795-0P

Tee 5/8" & 3/4" to 5/8" & 3/4"

**70R7500** RD-5-3746-1P

1/2" NPT to 5/8" Hose Straight

**70R7550** RD-5-3686-0P

1/2" NPT to 5/8" Hose 90° Elbow

**70R7600** RD-1-0425-0P

#8 O-Ring to 5/8" Hose Straight

**70R7650** RD-1-0426-0P

#8 O-Ring to 5/8" Hose 90° Elbow

**70R7700** RD-4219-0P

3/4" NPT to 5/8" Hose Straight

**70R7750** RD-5-3686-1P

3/4" NPT to 5/8" Hose 90° Elbow



NOTE: All hose dimensions are inside dimensions NPT = National Pipe Thread * 10 per package ** For use with 78R0100 Heater Hose..