

Basic Fitting Information

The Fittings - hose end and parts section is divided into 5 sections - by fitting types:

1. **BARBED END** - Fittings used generally on older vehicles equipped with R12 only and usually used with a worm gear hose clamp or faced crimp ferrules.
2. **BEADLOCK** - Fittings used on vehicles using R12 or R134a - available in aluminum or steel uses nylon barrier hose which the couplings must be crimped.
3. **REDUCED DIAMETER** - Fittings used for its ease of routing and lighter weight is found on many later models and must be used with only Reduced Diameter Nylon Barrier Hose.
4. **AEROQUIP EZ-CLIP** - Fittings can be used to quickly repair a leaking refrigerant line.



FITTINGS (Hose End)

FITTINGS

AEROQUIP E-Z CLIP

- Assembly Instructions 337
- Fittings 338

BULKHEAD

- Straight / 90° 323

BURGA CLIP

- Fittings 335

COMPRESSION

- Barbed 321
- Beadlock 331
- Reduced Diameter 334

E-Z CLIP

- Assortment, Cages, Clips, Pliers 344, 345

FLARE

- Barbed 320
- Beadlock 322
- Aeroquip, E-Z Clip 338

HEATER

- Drain, Duct, Hose, Pipe Fittings 357

IDENTIFICATION

- Fitting Type Chart 318
- Steps In Fitting Identification 317

INSERT O-RING

- Barbed 321
- Beadlock 323
- Aeroquip, E-Z Clip 338

O-RING

- Barbed 320
- Beadlock 324
- Reduced Diameter 330
- Aeroquip, E-Z Clip 339

PAD MANIFOLD

- Bead End, Block, J-Block, Pad 346

RE-USABLE

- Aeroquip Type 325

SPLICERS

- Barbed 321
- Beadlock 327
- Reduced Diameter 333
- Aeroquip, E-Z Clip 343

SPRINGLOCK

- Beadlock 328

TEE BLOCKS

- 327

Related Items

- Adapters 321
- Aeroquip Hose/Tools 345
- Ferrules 321
- Beadlock - Crimpers&Tools 348
- O-rings & Seals 372
- Repair Fittings (Evap/Condenser) 331
- Springlock Tools/Couplers 329
- Also See
- Compressor Service Valves Section ... 260

Fitting Identification

Steps In Fitting Identification:

*Determine the fitting type - male o-ring, female o-ring, male insert o-ring, male flare, or female flare using the illustrations on the following pages.

*Match the fitting with the illustrations to determine fitting size. The fitting dimension is determined by measuring the O.D. of the tubing directly behind the nut. This is a nominal (approximate) dimension.

*Determine the hose end size of the fitting by measuring the O.D. tubing inserted into the hose. This will be the same as the hose I.D.

Example: $5/16"$ O.D. fitting end uses No.6 - $5/16"$ I.D. hose.

*The fitting may be regular, step-up, or step-down type.

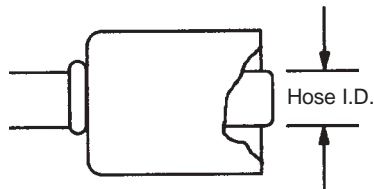
-It is a regular fitting if the hose end size is the same as the fitting size. Example: No. 6 fitting and No. 6 hose end size.

-It is a step-up fitting if the hose end size is larger than the fitting size. Example: No. 6 fitting and No. 8 hose end size.

-It is a step-down fitting if the hose end size is smaller than the fitting size. Example: No. 8 fitting and No. 6 hose end size.

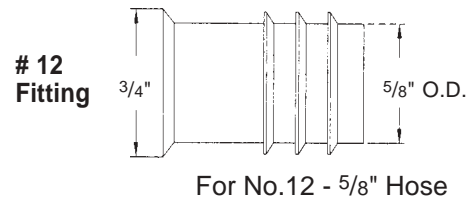
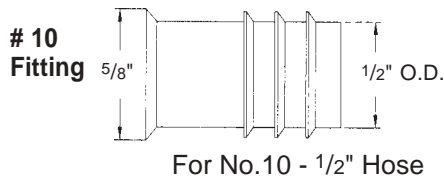
*Determine the angle of the fitting - 90° , 45° or straight.

*Determine if the fitting is Barb, Beadlock or Reduced Diameter Beadlock type.

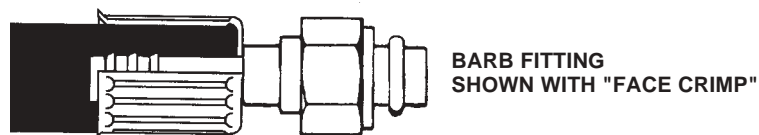


To determine the hose size that a specific fitting is designed to fit, measure the outside diameter of the insert as shown.

Hose Size	Fitting Size	Thread Size	Hose I.D.
#6	$3/8"$	$5/8"$	$5/16"$
#8	$1/2"$	$3/4"$	$13/32"$
#10	$5/8"$	$7/8"$	$1/2"$
#12	$3/4"$	$5/8"$	$1\ 1/16"$

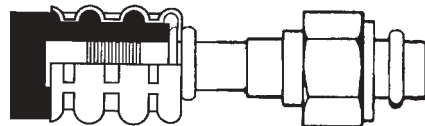


Environmental concerns have dictated more stringent standards (S.A.E. J2064) for the coupling of automotive air conditioning hoses; especially on systems using R134a refrigerant, which tends to permeate more readily than R12 refrigerant. The following information is provided to give an overview of generally acceptable hose, fitting and tube coupling as used in the automotive air conditioning industry.



BARB FITTING
SHOWN WITH "FACE CRIMP"

BARB Fittings: Traditionally used on automotive air conditioning aftermarket systems and replacement parts in conjunction with many different crimp styles including hose clamps, "face crimps", and "bubble crimps."



BEADLOCK FITTING
SHOWN WITH "BUBBLE CRIMP"

Recommendations: Whenever possible, meet S.A.E. J2064 standards for hose crimping. For R12 systems use a BARB or a BEADLOCK fitting with barrier hose in conjunction with either a "face crimp" or a "bubble crimp." For R134a systems use a BEADLOCK fitting with barrier hose and a "bubble crimp." The use of hose clamps for refrigerant connections is not recommended.

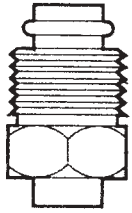
BEADLOCK Fittings: Used primarily on later original equipment applications, aftermarket system installations, and in conjunction with replacement parts.

FITTINGS

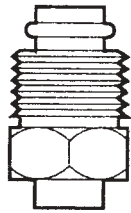
NOTE: Illustrations are actual size.

Fitting Type Identification

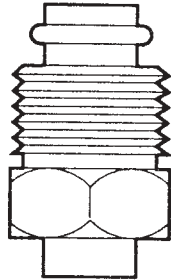
MALE O'RING



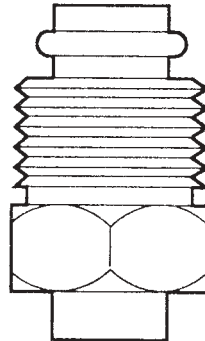
NO. 6
SPECIAL GM, IHC
1 1/16"-16 THREAD



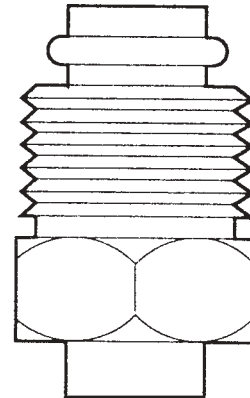
NO. 6
5/8"-18 THREAD



NO. 8
3/4"-18 THREAD

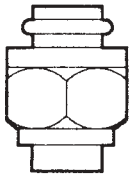


NO. 10
7/8"-18 THREAD

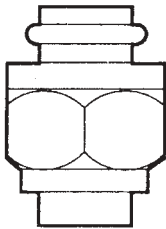


NO. 12
1-1/16"-16 THREAD

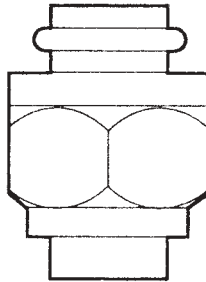
FEMALE O'RING



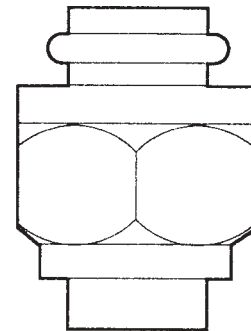
NO. 6
5/8"-18 THREAD



NO. 8
3/4"-16 THREAD

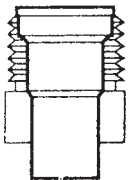


NO. 10
7/8"-14 THREAD

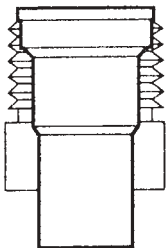


NO. 12
1-1/16"-14 THREAD

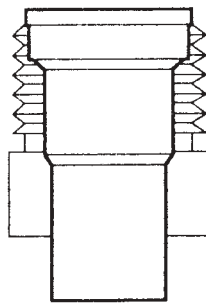
MALE INSERT O'RING



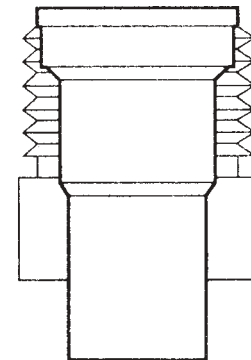
NO. 6
5/8"-18 THREAD



NO. 8
3/4"-16 THREAD

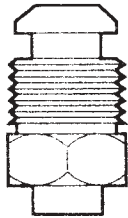


NO. 10
7/8"-14 THREAD

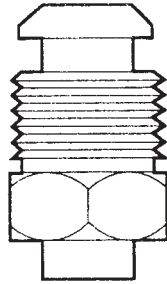


NO. 12
1-1/16"-14 THREAD

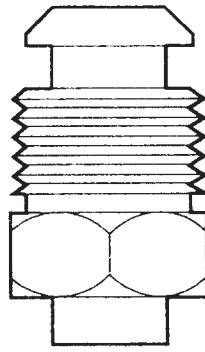
MALE FLARE



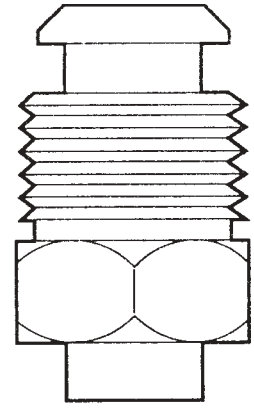
NO. 6
5/8"-18 THREAD



NO. 8
3/4"-16 THREAD

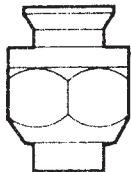


NO. 10
7/8"-14 THREAD

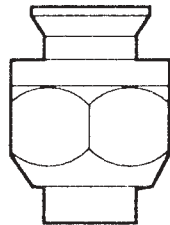


NO. 12
1-1/16"-14 THREAD

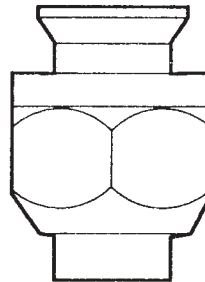
FEMALE FLARE



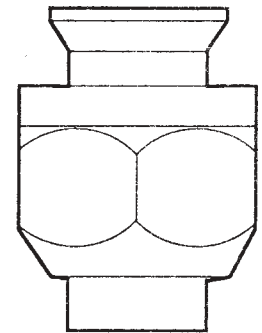
NO. 6
5/8"-18 THREAD



NO. 8
3/4"-16 THREAD



NO. 10
7/8"-14 THREAD









NO. 12
1-1/16"-14 THREAD







FITTINGS — BARBED END

NOTE: For use with Universal Nylon Barrier Hose. Barbed Fittings are to be used on R12 Systems Only.



Barbed Flare Fittings

<p>Male Flare Straight</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4638</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4639</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4640</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4641</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4638	#6	#6	5/8 -18	4639	#8	#8	3/4 -16	4640	#10	#10	7/8 -14	4641	#12	#12	1 1/16 -14	<p>Female Flare Straight</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4650</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4651</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4652</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4653</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4650	#6	#6	5/8 -18	4651	#8	#8	3/4 -16	4652	#10	#10	7/8 -14	4653	#12	#12	1 1/16 -14
Part#	Fitting Size	Hose Size	Thread																																						
4638	#6	#6	5/8 -18																																						
4639	#8	#8	3/4 -16																																						
4640	#10	#10	7/8 -14																																						
4641	#12	#12	1 1/16 -14																																						
Part#	Fitting Size	Hose Size	Thread																																						
4650	#6	#6	5/8 -18																																						
4651	#8	#8	3/4 -16																																						
4652	#10	#10	7/8 -14																																						
4653	#12	#12	1 1/16 -14																																						
<p>Male Flare 45°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4642</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4643</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4644</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4645</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4642	#6	#6	5/8 -18	4643	#8	#8	3/4 -16	4644	#10	#10	7/8 -14	4645	#12	#12	1 1/16 -14	<p>Female Flare 45°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4654</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4655</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4656</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4657</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4654	#6	#6	5/8 -18	4655	#8	#8	3/4 -16	4656	#10	#10	7/8 -14	4657	#12	#12	1 1/16 -14
Part#	Fitting Size	Hose Size	Thread																																						
4642	#6	#6	5/8 -18																																						
4643	#8	#8	3/4 -16																																						
4644	#10	#10	7/8 -14																																						
4645	#12	#12	1 1/16 -14																																						
Part#	Fitting Size	Hose Size	Thread																																						
4654	#6	#6	5/8 -18																																						
4655	#8	#8	3/4 -16																																						
4656	#10	#10	7/8 -14																																						
4657	#12	#12	1 1/16 -14																																						
<p>Male Flare 90°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4646</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4647</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4648</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4649</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4646	#6	#6	5/8 -18	4647	#8	#8	3/4 -16	4648	#10	#10	7/8 -14	4649	#12	#12	1 1/16 -14	<p>Female Flare 90°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4658</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4659</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4660</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4661</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4658	#6	#6	5/8 -18	4659	#8	#8	3/4 -16	4660	#10	#10	7/8 -14	4661	#12	#12	1 1/16 -14
Part#	Fitting Size	Hose Size	Thread																																						
4646	#6	#6	5/8 -18																																						
4647	#8	#8	3/4 -16																																						
4648	#10	#10	7/8 -14																																						
4649	#12	#12	1 1/16 -14																																						
Part#	Fitting Size	Hose Size	Thread																																						
4658	#6	#6	5/8 -18																																						
4659	#8	#8	3/4 -16																																						
4660	#10	#10	7/8 -14																																						
4661	#12	#12	1 1/16 -14																																						

Barbed O-Ring Fittings

<p>Male O-Ring Straight</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4688</td> <td>IHC^{11/16}</td> <td>#6</td> <td>11/16 -16</td> </tr> <tr> <td>4689</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4690</td> <td>#8</td> <td>#8</td> <td>3/4 -18</td> </tr> <tr> <td>4691</td> <td>#10</td> <td>#10</td> <td>7/8 -18</td> </tr> <tr> <td>4692</td> <td>#12</td> <td>#12</td> <td>1 1/16 -16</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4688	IHC ^{11/16}	#6	11/16 -16	4689	#6	#6	5/8 -18	4690	#8	#8	3/4 -18	4691	#10	#10	7/8 -18	4692	#12	#12	1 1/16 -16	<p>Female O-Ring Straight</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4702</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4703</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4704</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4705</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4702	#6	#6	5/8 -18	4703	#8	#8	3/4 -16	4704	#10	#10	7/8 -14	4705	#12	#12	1 1/16 -14
Part#	Fitting Size	Hose Size	Thread																																										
4688	IHC ^{11/16}	#6	11/16 -16																																										
4689	#6	#6	5/8 -18																																										
4690	#8	#8	3/4 -18																																										
4691	#10	#10	7/8 -18																																										
4692	#12	#12	1 1/16 -16																																										
Part#	Fitting Size	Hose Size	Thread																																										
4702	#6	#6	5/8 -18																																										
4703	#8	#8	3/4 -16																																										
4704	#10	#10	7/8 -14																																										
4705	#12	#12	1 1/16 -14																																										
<p>Male O-Ring 45°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4693</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4694</td> <td>#8</td> <td>#8</td> <td>3/4 -18</td> </tr> <tr> <td>4695</td> <td>#10</td> <td>#10</td> <td>7/8 -18</td> </tr> <tr> <td>4696</td> <td>#12</td> <td>#12</td> <td>1 1/16 -16</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4693	#6	#6	5/8 -18	4694	#8	#8	3/4 -18	4695	#10	#10	7/8 -18	4696	#12	#12	1 1/16 -16	<p>Female O-Ring 45°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4706</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4707</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4708</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4709</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4706	#6	#6	5/8 -18	4707	#8	#8	3/4 -16	4708	#10	#10	7/8 -14	4709	#12	#12	1 1/16 -14				
Part#	Fitting Size	Hose Size	Thread																																										
4693	#6	#6	5/8 -18																																										
4694	#8	#8	3/4 -18																																										
4695	#10	#10	7/8 -18																																										
4696	#12	#12	1 1/16 -16																																										
Part#	Fitting Size	Hose Size	Thread																																										
4706	#6	#6	5/8 -18																																										
4707	#8	#8	3/4 -16																																										
4708	#10	#10	7/8 -14																																										
4709	#12	#12	1 1/16 -14																																										
<p>Male O-Ring 90°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4697</td> <td>IHC^{11/16}</td> <td>#6</td> <td>11/16 -16</td> </tr> <tr> <td>4698</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4699</td> <td>#8</td> <td>#8</td> <td>3/4 -18</td> </tr> <tr> <td>4700</td> <td>#10</td> <td>#10</td> <td>7/8 -18</td> </tr> <tr> <td>4701</td> <td>#12</td> <td>#12</td> <td>1 1/16 -16</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4697	IHC ^{11/16}	#6	11/16 -16	4698	#6	#6	5/8 -18	4699	#8	#8	3/4 -18	4700	#10	#10	7/8 -18	4701	#12	#12	1 1/16 -16	<p>Female O-Ring 90°</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4710</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4711</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4712</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> <tr> <td>4713</td> <td>#12</td> <td>#12</td> <td>1 1/16 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4710	#6	#6	5/8 -18	4711	#8	#8	3/4 -16	4712	#10	#10	7/8 -14	4713	#12	#12	1 1/16 -14
Part#	Fitting Size	Hose Size	Thread																																										
4697	IHC ^{11/16}	#6	11/16 -16																																										
4698	#6	#6	5/8 -18																																										
4699	#8	#8	3/4 -18																																										
4700	#10	#10	7/8 -18																																										
4701	#12	#12	1 1/16 -16																																										
Part#	Fitting Size	Hose Size	Thread																																										
4710	#6	#6	5/8 -18																																										
4711	#8	#8	3/4 -16																																										
4712	#10	#10	7/8 -14																																										
4713	#12	#12	1 1/16 -14																																										






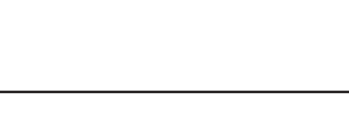
Barbed O-Ring Fittings w/R12 Service Port

<p>Female O-Ring Straight</p>  <p>1/4" (7/16 -20 Thread) Port</p> <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4626</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4627</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4628</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4626	#6	#6	5/8 -18	4627	#8	#8	3/4 -16	4628	#10	#10	7/8 -14	<p>Female O-Ring 90°</p>  <p>1/4" (7/16 -20 Thread) Port</p> <table border="1"> <thead> <tr> <th>Part#</th> <th>Fitting Size</th> <th>Hose Size</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>4629</td> <td>#6</td> <td>#6</td> <td>5/8 -18</td> </tr> <tr> <td>4630</td> <td>#8</td> <td>#8</td> <td>3/4 -16</td> </tr> <tr> <td>4631</td> <td>#10</td> <td>#10</td> <td>7/8 -14</td> </tr> </tbody> </table>	Part#	Fitting Size	Hose Size	Thread	4629	#6	#6	5/8 -18	4630	#8	#8	3/4 -16	4631	#10	#10	7/8 -14
Part#	Fitting Size	Hose Size	Thread																														
4626	#6	#6	5/8 -18																														
4627	#8	#8	3/4 -16																														
4628	#10	#10	7/8 -14																														
Part#	Fitting Size	Hose Size	Thread																														
4629	#6	#6	5/8 -18																														
4630	#8	#8	3/4 -16																														
4631	#10	#10	7/8 -14																														



BARBED END — FITTINGS

NOTE: For use with Universal Nylon Barrier Hose. Barbed Fittings are to be used on R12 Systems Only.


Barbed Splicers

	Part#	Hose Size	
	4778	#6 In Line	
	4779	#8 In Line	
	4780	#10 In Line	
	Part#	Hose Size	
	4781	#12 In Line	
	4782	#6 x #8 Step Up	
	4783	#8 x #10 Step Up	
	Part#	Hose Size	
	4784	#10 x #12 Step Up	
		Part#	Hose Size
		4855	#6 W/Schrader
4849		#8 W/Schrader	
4789		#10 W/Schrader	
	Part#	Hose Size	
	4790	#12 W/Schrader	
	4785	#6 x #6 x #6	
	4786	#8 x #8 x #8	
	Part#	Hose Size	
	4787	#10 x #10 x #10	
	4788	#12 x #12 x #12	

Barbed Male Insert O'ring Fittings

Male Insert O'Ring Straight				Male Insert O'Ring 90°					
	Part#	Fitting Size	Hose Size	Thread		Part#	Fitting Size	Hose Size	Thread
	4741	#6	#6	5/8 -18		4752	#6	#6	5/8 -18
	4746	#8	#8	3/4 -16		4887	#8	#8	3/4 -16
	4747	#10	#10	7/8 -14		4888	#10	#10	7/8 -14
	4745	#12	#12	1 1/16 -14		4756	#12	#12	1 1/16 -14

Barbed Compression Fittings

	Part#	Fitting Size	Hose Size	Tube Size
	4890	#6	#6	3/8 Tube
	4891	#8	#8	1/2 Tube
	4892	#10	#10	5/8 Tube
	4893	#12	#12	3/4 Tube


Hose Clamps

	Part#	Size
	4110	#10 - #12
	4106	#6 - #8



Hose Mount Clamps

	Part#	Size
	4101	#6 Clamp
	4102	#8 Clamp
	4103	#10 Clamp
	4104	Double

Crimp Ferrules

	Part#	Size
	4268	#6
	4269	#8
	4270	#10
	4271	#12







Fitting Adapters (Also for Driers)

	Part#	Size		Part#	Size
	4922	#6		4913	#6
	4920	#8		4914	#8
	4921	#10		4919	#10
Converts Male Flare to O-Ring			Converts Male O-Ring to Flare		

FITTINGS

FITTINGS — BEADLOCK (Aluminum and Steel)





NOTE: For use with Universal Nylon Barrier Hose

ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
FEMALE FLARE STRAIGHT						
	No Port	4350	4350S	#6	#6	5/8 -18
	No Port	4351	4351S	#8	#8	3/4 -16
	No Port	4352	4352S	#10	#10	7/8 -14
	No Port	4353	4353S	#12	#12	1 1/16 -14
FEMALE FLARE 45°						
	No Port	4354	-	#6	#6	5/8 -18
	No Port	4355	4355S	#8	#8	3/4 -16
	No Port	4356	4356S	#10	#10	7/8 -14
	No Port	4357	-	#12	#12	1 1/16 -14
FEMALE FLARE 90°						
	No Port	4358	4358S	#6	#6	5/8 -18
	No Port	4359	4359S	#8	#8	3/4 -16
	No Port	4360	4360S	#10	#10	7/8 -14
	No Port	4361	4361S	#12	#12	1 1/16 -14
MALE FLARE STRAIGHT						
	No Port	4338	-	#6	#6	5/8 -18
	No Port	4339	-	#8	#8	3/4 -16
	No Port	4340	-	#10	#10	7/8 -14
	No Port	4341	-	#12	#12	1 1/16 -14
MALE FLARE 45°						
	No Port	4342	-	#6	#6	5/8-18
	No Port	4343	-	#8	#8	3/4-16
	No Port	4344	-	#10	#10	7/8-14
	No Port	4345	-	#12	#12	1 1/16 -14
MALE FLARE 90°						
	No Port	4346	-	#6	#6	5/8 -18
	No Port	4347	-	#8	#8	3/4 -16
	No Port	4348	-	#10	#10	7/8 -14
	No Port	4349	-	#12	#12	1 1/16 -14

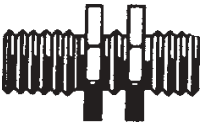
FITTINGS

BEADLOCK (Aluminum and Steel) — FITTINGS

NOTE: For use with Universal Nylon Barrier Hose (continued)





ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
MALE INSERT O’RING STRAIGHT						
	No Port	4470	4470S	#6	#6	5/8 -18
	No Port	4471	4471S	#8	#8	3/4 -16
	No Port	4472	4472S	#10	#10	7/8 -14
	No Port	4473	4473S	#12	#12	1 1/16 -14
MALE INSERT O’RING 90°						
	No Port	4474	4474S	#6	#6	5/8 -18
	No Port	4475	4475S	#8	#8	3/4 -16
	No Port	4476	4476S	#10	#10	7/8 -14
MALE INSERT O’RING BULKHEAD STRAIGHT						
	No Port	4447	4447S	#6	#6	5/8 -18
	No Port	4448	4448S	#8	#8	3/4 -16
	No Port	4449	4449S	#10	#10	7/8 -14
MALE INSERT O’RING BULKHEAD 90°						
	No Port	4444	4444S	#6	#6	5/8 -18
	No Port	4445	4445S	#8	#8	3/4 -16
	No Port	4446	4446S	#10	#10	7/8 -14

FITTINGS

ILLUSTRATION	DESCRIPTION	PART#	FITTING END	HOSE END
MALE x MALE with nuts				
	For routing hose through firewall, cab, roof	4916	#6	#6
		4917	#8	#8
		4918	#10	#10






FITTINGS — BEADLOCK (Aluminum and Steel)

NOTE: For use with Universal Nylon Barrier Hose (continued)

ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
FEMALE O'RING STRAIGHT						
	No Port	4402	4402S	#6	#6	5/8 -18
	No Port	4428	4428S	#6	#8	5/8 -18
	No Port	4431	4431S	#8	#6	3/4 -16
	No Port	4403	4403S	#8	#8	3/4 -16
	No Port	4429	4429S	#8	#10	3/4 -16
	No Port	4404	4404S	#10	#10	7/8 -14
	No Port	4430	4430S	#10	#12	7/8 -14
	No Port	4432	4432S	#12	#10	1 1/16 -14
No Port	4405	4405S	#12	#12	1 1/16 -14	
FEMALE O'RING STRAIGHT w/Service Port						
	R12 Port 1/4"	4326	-	#6	#6	5/8 -18
	R12 Port 1/4"	4327	-	#8	#8	3/4 -16
	R12 Port 1/4"	4328	-	#10	#10	7/8 -14
	R134a 16MM Port (High Side)	4502	4502S	#6	#6	5/8 -18
	R134a 16MM Port (High Side)	4503	4503S	#8	#8	3/4 -16
	R134a 13MM Port (Low Side)	4504	4504S	#10	#10	7/8 -14
	R134a 13MM Port (Low Side)	4505	4505S	#10	#12	7/8 -14
FEMALE O'RING 45°						
	No Port	4406	4406S	#6	#6	5/8 -18
	No Port	4407	4407S	#8	#8	3/4 -16
	No Port	4433	4433S	#10	#8	7/8 -14
	No Port	4408	4408S	#10	#10	7/8 -14
	No Port	4434	4434S	#10	#12	1 1/16 -14
	No Port	4409	4409S	#12	#12	1 1/16 -14
FEMALE O'RING 45° w/Service Port						
	R134a 16MM Port (High Side)	4506	4506S	#6	#6	5/8 -18
	R134a 16MM Port (High Side)	4507	4507S	#8	#8	3/4 -16
	R134a 13MM Port (Low Side)	4508	4508S	#10	#10	7/8 -14
	R134a 13MM Port (Low Side)	4509	4509S	#10	#12	7/8 -14

BEADLOCK (Aluminum and Steel) — FITTINGS






NOTE: For use with Universal Nylon Barrier Hose (continued)

ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
FEMALE O’RING 90°						
	No Port	4410	4410S	#6	#6	5/8 -18
	No Port	4435	4435S	#6	#8	5/8 -18
	No Port	4438	4438S	#8	#6	3/4 -16
	No Port	4411	4411S	#8	#8	3/4 -16
	No Port	4436	4436S	#8	#10	3/4 -16
	No Port	4412	4412S	#10	#10	7/8 -14
	No Port	4437	4437S	#10	#12	7/8 -14
	No Port	4439	4439S	#12	#10	1 1/16 -14
	No Port	4413	4413S	#12	#12	1 1/16 -14
FEMALE O’RING 90° w/Service Port						
	R12 Port 1/4"	4329	4329S	#6	#6	5/8 -18
	R12 Port 1/4"	4330	4330S	#8	#8	3/4 -16
	R12 Port 1/4"	4331	4331S	#10	#10	7/8 -14
	R134a 16MM Port (High Side)	4510	4510S	#6	#6	5/8 -18
	R134a 16MM Port (High Side)	4511	4511S	#8	#8	3/4 -16
	R134a 13MM Port (Low Side)	4512	4512S	#10	#10	7/8 -14
	R134a 13MM Port (Low Side)	4513	4513S	#10	#12	7/8 -14
FEMALE O’RING 90° SHORT DROP						
	Short Drop; No Port	-	4420S	#8	#8	3/4 -16
	Short Drop; No Port	-	4421S	#10	#10	7/8 -14
	Short Drop; No Port	-	4422S	#10	#12	7/8 -14
FEMALE O’RING STRAIGHT AERO-QUIP (re-usable type)						
	No Port	-	4288	#6	#6	5/8 -18
	No Port	-	4289	#8	#8	3/4 -16
	No Port	-	4290	#10	#10	7/8 -14
FEMALE O’RING 90° AERO-QUIP (re-usable type)						
	No Port	-	4292	#6	#6	5/8 -18
	No Port	-	4293	#8	#8	3/4 -16
	No Port	-	4294	#10	#10	7/8 -14

FITTINGS







FITTINGS — BEADLOCK (Aluminum and Steel)

NOTE: For use with Universal Nylon Barrier Hose (continued)

ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
MALE O’RING STRAIGHT						
	IHC	4388	4388S	#7	#6	11/16
	No Port	4389	4389S	#6	#6	5/8 -18
	No Port	4414	4414S	#6	#8	5/8 -18
	No Port	4390	4390S	#8	#8	3/4 -18
	No Port	4391	4391S	#10	#10	7/8 -18
	No Port	4392	4392S	#12	#12	1 1/16 -16
MALE O’RING 45°						
	No Port	4393	4393S	#6	#6	5/8 -18
	No Port	4394	4394S	#8	#8	3/4 -18
	No Port	4395	4395S	#10	#10	7/8 -18
	No Port	4396	4396S	#12	#12	1 1/16 -16
MALE O’RING 90°						
	No Port	4398	4398S	#6	#6	5/8 -18
	No Port	4415	4415S	#6	#8	5/8 -18
	No Port	4399	4399S	#8	#8	3/4 -18
	No Port	4400	4400S	#10	#10	7/8 -18
	No Port	4401	4401S	#10	#12	7/8 -18
	No Port	4416	4416S	#12	#12	1 1/16 -16
	No Port	4397	4397S	#7	#6	11/16
MALE O’RING STRAIGHT AERO-QUIP (re-usable type)						
	No Port	-	4280	#6	#6	5/8 -18
	No Port	-	4281	#8	#8	3/4 -18
	No Port	-	4282	#10	#10	7/8 -18
MALE O’RING 90° AERO-QUIP (re-usable type)						
	No Port	-	4284	#6	#6	5/8 -18
	No Port	-	4285	#8	#8	3/4 -18
	No Port	-	4286	#10	#10	7/8 -18

BEADLOCK (Aluminum and Steel) — FITTINGS






NOTE: For use with Universal Nylon Barrier Hose (continued)

ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
SPLICER STRAIGHT						
	No Port	4478	4478S	#6	#6	-
	No Port	4482	4482S	#6	#8	-
	No Port	4479	4479S	#8	#8	-
	No Port	4483	4483S	#8	#10	-
	No Port	4480	4480S	#10	#10	-
	No Port	4484	4484S	#10	#12	-
	No Port	4481	4481S	#12	#12	-
SPLICER STRAIGHT w/Service Port						
	R12 Port 1/4"	4494	4494S	#6	#6	-
	R12 Port 1/4"	4495	4495S	#8	#8	-
	R12 Port 1/4"	4496	4496S	#10	#10	-
	R12 Port 1/4"	4497	4497S	#12	#12	-
	R134a 16MM Port (High Side)	4578	4578S	#6	#6	-
	R134a 16MM Port (High Side)	4579	4579S	#8	#8	-
	R134a 16MM Port (High Side)	4582	4582S	#10	#10	-
	R134a 13MM Port (Low Side)	4580	4580S	#10	#10	-
	R134a 13MM Port (Low Side)	4581	4581S	#12	#12	-
SPLICER 90°						
	No Port	4466	4466S	#6	#6	-
	No Port	4467	4467S	#8	#8	-
	No Port	4468	4468S	#10	#10	-
	No Port	4469	4469S	#12	#12	-
SPLICER TEE SPLICER - 3 Way						
	6x6x6	4485	4485S	-	-	-
	8x8x8	4486	4486S	-	-	-
	10x10x10	4487	4487S	-	-	-
	12x12x12	4489	4489S	-	-	-
TEE BLOCK FEMALE O’RING (use to Tee Sleeper into A/C system)						
	Aluminum					
	6x6x6 4218					
	10x10x10 4219					
TEE BLOCK w/Swivel Nut MALE O’RING						
	Aluminum					
	6x6x6 4220					
	10x10x10 4221					

FITTINGS




FITTINGS — BEADLOCK (Aluminum and Steel)

NOTE: For use with Universal Nylon Barrier Hose (continued)





ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
SPRINGLOCK FEMALE STRAIGHT						
	No Port	4942	-	#6	#6	-
	No Port	4946	-	#8	#6	-
	No Port	4943	-	#8	#8	-
	No Port	4944	-	#10	#10	-
	No Port	4947	-	#10	#12	-
	No Port	4945	-	#12	#12	-
SPRINGLOCK FEMALE 45°						
	No Port	4948	-	#6	#6	-
	No Port	4952	-	#8	#6	-
	No Port	4949	-	#8	#8	-
	No Port	4950	-	#10	#10	-
	No Port	4953	-	#10	#12	-
	No Port	4951	-	#12	#12	-
SPRINGLOCK FEMALE 90°						
	No Port	4954	-	#6	#6	-
	No Port	4958	-	#8	#6	-
	No Port	4955	-	#8	#8	-
	No Port	4956	-	#10	#10	-
	No Port	4959	-	#10	#12	-
	No Port	4957	-	#12	#12	-
SPRINGLOCK MALE STRAIGHT						
	No Port	4924	-	#6	#6	-
	No Port	4928	-	#8	#6	-
	No Port	4925	-	#8	#8	-
	No Port	4926	-	#10	#10	-
	No Port	4929	-	#10	#12	-
	No Port	4927	-	#12	#12	-
SPRINGLOCK MALE 45°						
	No Port	4930	-	#6	#6	-
	No Port	4934	-	#8	#6	-
	No Port	4931	-	#8	#8	-
	No Port	4932	-	#10	#10	-
	No Port	4935	-	#10	#12	-
	No Port	4933	-	#12	#12	-

BEADLOCK (Aluminum and Steel) — FITTINGS

NOTE: For use with Universal Nylon Barrier Hose (continued)






ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
SPRINGLOCK MALE 90°						
	No Port	4936	-	#6	#6	-
	No Port	4940	-	#8	#6	-
	No Port	4937	-	#8	#8	-
	No Port	4938	-	#10	#10	-
	No Port	4941	-	#10	#12	-
	No Port	4939	-	#12	#12	-
SPRINGLOCK TEE SPLICER - 3 Way						
	No Port	4960	-	#8	#8	-
	No Port	4961	-	#10	#10	-
	No Port	4962	-	#12	#12	-
SPRINGLOCK 90° TEE SPLICER - 3 Way						
	No Port	4963	-	#8	#6	-
	No Port	4964	-	#10	#10	-
	No Port	4965	-	#12	#10	-

FITTINGS

SPRINGLOCK Tools and Couplers			
			
8160 Spring Lock Disconnect Tool Set includes four sizes: 3/8", 1/2", 5/8", and 3/4"	8161 #6 8162 #8 8163 #10 8164 #12 Individual Disconnect Tools	8980 #6 (3/8") 8981 #8 (1/2") 8982 #10 (5/8") 8983 #12 (3/4") Springlock Coupling Repair Kits Nylon Construction	8985 R12/R134a Ford Spring Lock O'Ring Kit Garter springs & O'Rings for all size couplers used on 1981 to present Fords



FITTINGS — BEADLOCK (Aluminum and Steel)








NOTE: For use with Universal Nylon Barrier Hose (continued)

ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
TUBE-O FEMALE STRAIGHT w/Service Port						
	R12 Port 1/4"	4320	-	#8	#8	1"-14
	R12 Port 1/4"	4321	-	#10	#10	1"-14
TUBE-O FEMALE 45° w/Service Port						
	R134a 16MM Port (High Side)	4522	4522S	-	#8	1"-14
	R134a 13MM Port (Low Side)	4523	4523S	-	#10	1"-14
TUBE-O FEMALE 90° w/Service Port						
	R12 Port 1/4"	4324	-	-	#8	1"-14
	R12 Port 1/4"	4325	-	-	#10	1"-14
	R134a 16MM Port (High Side)	4524	4524S	-	#8	1"-14
	R134a 13MM Port (Low Side)	4525	4525S	-	#10	1"-14
TUBE-O FEMALE 90° Short Drop w/Service Port						
	R134a 16MM Port (High Side)	-	5432	-	#8	1"-14
	R134a 13MM Port (Low Side)	-	5433	-	#10	1"-14
		-	5434	-	#12	1"-14
COMPRESSION STRAIGHT						
	No Port	-	4490S	#6	#6	3/8" Tube
	No Port	-	4488S	#6	#8	3/8" Tube
	No Port	-	4500S	#8	#6	1/2" Tube
	No Port	-	4491S	#8	#8	1/2" Tube
	No Port	-	4498S	#8	#10	1/2" Tube
	No Port	-	4501S	#10	#8	5/8" Tube
	No Port	-	4492S	#10	#10	5/8" Tube
	No Port	-	4499S	#10	#12	5/8" Tube
	No Port	-	4493S	#12	#12	3/4" Tube

BEADLOCK (Aluminum and Steel) — FITTINGS

NOTE: For use with Universal Nylon Barrier Hose (continued)






ILLUSTRATION	DESCRIPTION	PART # ALUM.	PART # STEEL	FITTING END	HOSE END	THREAD SIZE
COMPRESSION STRAIGHT w/Service Port						
	R134a 16MM Port (High Side)	-	4450S	6	6	3/8" Tube
	R134a 16MM Port (High Side)	-	4451S	8	8	1/2" Tube
	R134a 13MM Port (Low Side)	-	4452S	10	10	5/8" Tube
	R134a 13MM Port (Low Side)	-	4453S	12	12	3/4" Tube
COMPRESSION 90°						
	No Port	-	4460S	#6	#6	3/8" Tube
	No Port	-	4456S	#6	#8	3/8" Tube
	No Port	-	4454S	#8	#6	1/2" Tube
	No Port	-	4461S	#8	#8	1/2" Tube
	No Port	-	4464S	#8	#10	1/2" Tube
	No Port	-	4455S	#10	#8	5/8" Tube
	No Port	-	4462S	#10	#10	5/8" Tube
	No Port	-	4465S	#10	#12	5/8" Tube
No Port	-	4463S	#12	#12	3/4" Tube	

REPAIR FITTINGS																															
<p>Outer Lip Splicer Tip</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Steel</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4900</td> <td></td> <td>#6</td> </tr> <tr> <td>4901</td> <td></td> <td>#8</td> </tr> <tr> <td>4902</td> <td></td> <td>#10</td> </tr> <tr> <td>4903</td> <td></td> <td>#12</td> </tr> </tbody> </table>	Part#	Steel	Size	4900		#6	4901		#8	4902		#10	4903		#12	<p>Evaporator Repair Fitting - Brass</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4135</td> <td>#6 Male O'ring Swivel Fitting</td> </tr> <tr> <td>4140</td> <td>#8 Male O'ring Swivel Fitting</td> </tr> <tr> <td>4137</td> <td>#10 Male O'ring Swivel Fitting</td> </tr> </tbody> </table>	Part#	Size	4135	#6 Male O'ring Swivel Fitting	4140	#8 Male O'ring Swivel Fitting	4137	#10 Male O'ring Swivel Fitting							
Part#	Steel	Size																													
4900		#6																													
4901		#8																													
4902		#10																													
4903		#12																													
Part#	Size																														
4135	#6 Male O'ring Swivel Fitting																														
4140	#8 Male O'ring Swivel Fitting																														
4137	#10 Male O'ring Swivel Fitting																														
<p>Inner Lip Splicer Tip</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Steel</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4904</td> <td></td> <td>#6</td> </tr> <tr> <td>4905</td> <td></td> <td>#8</td> </tr> <tr> <td>4906</td> <td></td> <td>#10</td> </tr> <tr> <td>4907</td> <td></td> <td>#12</td> </tr> </tbody> </table>	Part#	Steel	Size	4904		#6	4905		#8	4906		#10	4907		#12	<p>Evaporator Repair Fitting - Brass</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4141</td> <td>#8 Neck 2 1/4" Long</td> </tr> </tbody> </table>	Part#	Size	4141	#8 Neck 2 1/4" Long											
Part#	Steel	Size																													
4904		#6																													
4905		#8																													
4906		#10																													
4907		#12																													
Part#	Size																														
4141	#8 Neck 2 1/4" Long																														
<p>Outer Lip Beadlock Splicer Tip</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Steel</th> <th>Alum. Reduced</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4908S</td> <td></td> <td>4908AR</td> <td>#6</td> </tr> <tr> <td>4909S</td> <td></td> <td>4909AR</td> <td>#8</td> </tr> <tr> <td>4910S</td> <td></td> <td>4910AR</td> <td>#10</td> </tr> <tr> <td>4911S</td> <td></td> <td>4911AR</td> <td>#12</td> </tr> <tr> <td>4912S</td> <td></td> <td>4912AR</td> <td>#10x#12</td> </tr> </tbody> </table>	Part#	Steel	Alum. Reduced	Size	4908S		4908AR	#6	4909S		4909AR	#8	4910S		4910AR	#10	4911S		4911AR	#12	4912S		4912AR	#10x#12	<p>Evaporator Repair Fitting Assembly - Brass</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4144</td> <td>#8 Male O'ring Swivel w/Neck</td> </tr> <tr> <td>4145</td> <td>#10 Male O'ring Swivel w/Neck</td> </tr> </tbody> </table>	Part#	Size	4144	#8 Male O'ring Swivel w/Neck	4145	#10 Male O'ring Swivel w/Neck
Part#	Steel	Alum. Reduced	Size																												
4908S		4908AR	#6																												
4909S		4909AR	#8																												
4910S		4910AR	#10																												
4911S		4911AR	#12																												
4912S		4912AR	#10x#12																												
Part#	Size																														
4144	#8 Male O'ring Swivel w/Neck																														
4145	#10 Male O'ring Swivel w/Neck																														
	<p>Condenser Repair Fitting - Brass</p>  <table border="1"> <thead> <tr> <th>Part#</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>4142</td> <td>#6 Male Insert O'ring</td> </tr> <tr> <td>4143</td> <td>#8 Male Insert O'ring</td> </tr> </tbody> </table>	Part#	Size	4142	#6 Male Insert O'ring	4143	#8 Male Insert O'ring																								
Part#	Size																														
4142	#6 Male Insert O'ring																														
4143	#8 Male Insert O'ring																														

FITTINGS







FITTINGS — REDUCED DIAMETER

NOTE: For use with REDUCED DIAMETER HOSE ONLY. Reduced Barrier Hose has thinner wall construction that offers improved flexibility and reduced weight without sacrificing permeation resistance and burst strength.

ILLUSTRATION	DESCRIPTION	PART #	PART #	FITTING	HOSE	THREAD
		ALUM. REDUCED DIAMETER	STEEL REDUCED DIAMETER			
FEMALE O'RING STRAIGHT		REDUCED DIAMETER				
	No Port	4402AR	4402SR	#6	#6	5/8 -18
	No Port	4403AR	4403SR	#8	#8	3/4 -16
	No Port	4404AR	4404SR	#10	#10	3/4 -16
	No Port	4405AR	4405SR	#12	#12	3/4 -16
FEMALE O'RING STRAIGHT w/ Service Port		REDUCED DIAMETER				
	R134a 16MM Port (High Side)	-	4502SR	#6	#6	5/8 -18
	R134a 16MM Port (High Side)	-	4503SR	#8	#8	3/4 -16
	R134a 13MM Port (Low Side)	-	4504SR	#10	#10	3/4 -16
	R134a 13MM Port (Low Side)	-	4505SR	#10	#12	3/4 -16
FEMALE O'RING 45°		REDUCED DIAMETER				
	No Port	4406AR	4406SR	#6	#6	5/8 -18
	No Port	4407AR	4407SR	#8	#8	3/4 -16
	No Port	4408AR	4408SR	#10	#10	3/4 -16
	No Port	4409AR	4409SR	#12	#12	3/4 -16
FEMALE O'RING 90°		REDUCED DIAMETER				
	No Port	4410AR	4410SR	#6	#6	5/8 -18
	No Port	4411AR	4411SR	#8	#8	3/4 -16
	No Port	4412AR	4412SR	#10	#10	3/4 -16
	No Port	4413AR	4413SR	#12	#12	3/4 -16
FEMALE O'RING 90° w/Service Port		REDUCED DIAMETER				
	R134a 16MM Port (High Side)	-	4510SR	#6	#6	5/8 -18
	R134a 16MM Port (High Side)	-	4511SR	#8	#8	3/4 -16
	R134a 13MM Port (Low Side)	-	4512SR	#10	#10	3/4 -16
	R134a 13MM Port (Low Side)	-	4513SR	#10	#12	3/4 -16



REDUCED DIAMETER — FITTINGS

NOTE: For use with REDUCED DIAMETER HOSE ONLY. Reduced Barrier Hose has thinner wall construction that offers improved flexibility and reduced weight without sacrificing permeation resistance and burst strength. (continued)

ILLUSTRATION	DESCRIPTION	PART #	PART #	FITTING END	HOSE END	THREAD SIZE
		ALUM. REDUCED DIAMETER	STEEL REDUCED DIAMETER			
MALE O-RING STRAIGHT						
		REDUCED DIAMETER				
	No Port	4389AR	4389SR	#6	#6	5/8 -18
	No Port	4390AR	4390SR	#8	#8	3/4 -18
	No Port	4391AR	4391SR	#10	#10	7/8 -18
	No Port	4392AR	4392SR	#12	#12	7/8 -18
MALE O-RING 90°						
		REDUCED DIAMETER				
	No Port	4398AR	4398SR	#6	#6	5/8 -18
	No Port	4399AR	4399SR	#8	#8	3/4 -18
	No Port	4400AR	4400SR	#10	#10	7/8 -18
	No Port	4401AR	4401SR	#10	#12	7/8 -18
SPLICER STRAIGHT						
		REDUCED DIAMETER				
	No Port	4478AR	4478SR	#6	#6	-
	No Port	4482AR	4482SR	#6	#8	-
	No Port	4479AR	4479SR	#8	#8	-
	No Port	4483AR	4483SR	#8	#10	-
	No Port	4480AR	4480SR	#10	#10	-
	No Port	4484AR	4484SR	#10	#12	-
	No Port	4481AR	4481SR	#12	#12	-
SPLICER STRAIGHT w/Service Port						
		REDUCED DIAMETER				
	R134a 16MM Port (High Side)	4578AR	4578SR	#6	#6	-
	R134a 16MM Port (High Side)	-	4587SR	#6	#6	w/M10 Port
	R134a 16MM Port (High Side)	4579AR	4579SR	#8	#8	-
	R134a 13MM Port (Low Side)	4580AR	4580SR	#10	#10	-
R134a 13MM Port (Low Side)	4581AR	4581SR	#12	#12	-	
SPLICER 90°						
		REDUCED DIAMETER				
	R134a 16MM Port (High Side)	-	4588SR	#6	#6	w/M10 Port
SPLICER TEE SPLICER - 3 Way						
		REDUCED DIAMETER				
	6x6x6	4485AR	4485SR	-	-	-
	8x8x8	4486AR	4486SR	-	-	-
	10x10x10	-	4487SR	-	-	-

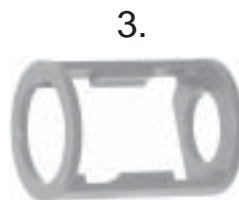
FITTINGS — REDUCED DIAMETER

NOTE: For use with REDUCED DIAMETER HOSE ONLY. Reduced Barrier Hose has thinner wall construction that offers improved flexibility and reduced weight without sacrificing permeation resistance and burst strength. (continued)

ILLUSTRATION	DESCRIPTION	PART # ALUM. REDUCED DIAMETER	PART # STEEL REDUCED DIAMETER	FITTING END	HOSE END	THREAD SIZE
COMPRESSION STRAIGHT		REDUCED DIAMETER				
	No Port	-	4490SR	#6	#6	3/8" Tube
	No Port	-	4488SR	#6	#8	3/8" Tube
	No Port	-	4500SR	#8	#6	1/2" Tube
	No Port	-	4491SR	#8	#8	1/2" Tube
	No Port	-	4498SR	#8	#10	1/2" Tube
	No Port	-	4501SR	#10	#8	5/8" Tube
	No Port	-	4492SR	#10	#10	5/8" Tube
	No Port	-	4499SR	#10	#12	5/8" Tube
	No Port	-	4493SR	#12	#12	3/4" Tube
COMPRESSION 90°		REDUCED DIAMETER				
	No Port	-	4460SR	#6	#6	3/8" Tube
	No Port	-	4456SR	#6	#8	3/8" Tube
	No Port	-	4454SR	#8	#6	1/2" Tube
	No Port	-	4461SR	#8	#8	1/2" Tube
	No Port	-	4464SR	#8	#10	1/2" Tube
	No Port	-	4455SR	#10	#8	5/8" Tube
	No Port	-	4462SR	#10	#10	5/8" Tube
	No Port	-	4465SR	#10	#12	5/8" Tube
	No Port	-	4463SR	#12	#12	3/4" Tube

FITTINGS

BURGA CLIP FITTINGS



go....



- Save Time

- Eliminate Leaks

- New, Simple, Fast and Easy

- Use with Reduced Diameter Hose

- Burgaclips' state-of-the-art hose fittings are a breakthrough in the a/c industry.
- A simple procedure to attach fittings to the hose.
- This hose and fitting combo provides a permeation rate, which is 74% less than the presently available hose assemblies in the marketplace.

FEMALE O’RING

STRAIGHT FEMALE O’RING



Part #	Fitting Size	Hose Size	Port
4402BC	6	6	w/o port
4431BC	8	6	w/o port
4403BC	8	8	w/o port
4404BC	10	10	w/o port
4430BC	10	12	w/o port
4405BC	12	12	w/o port

90° FEMALE O’RING



Part #	Fitting Size	Hose Size	Port
4410BC	6	6	w/o port
4438BC	8	6	w/o port
4411BC	8	8	w/o port
4436BC	8	10	w/o port
4412BC	10	10	w/o port
4437BC	10	12	w/o port
4439BC	12	10	w/o port
4413BC	12	12	w/o port

45° FEMALE O’RING

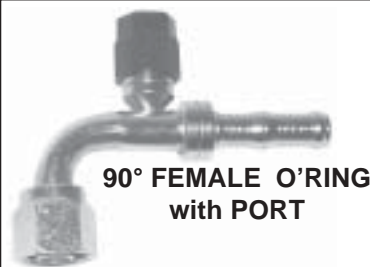


Part #	Fitting Size	Hose Size	Port
4406BC	6	6	w/o port
4407BC	8	8	w/o port
4408BC	10	10	w/o port
4434BC	10	12	w/o port

STRAIGHT FEMALE O’RING with PORT



Part #	Fitting Size	Hose Size	Port
4502BC	6	6	16mm R134a
4503BC	8	8	16mm R134a
4504BC	10	10	13mm R134a
4505BC	12	12	13mm R134a



90° FEMALE O’RING with PORT

Part #	Fitting Size	Hose Size	Port
4510BC	6	6	16mm R134a
4511BC	8	8	16mm R134a
4512BC	10	10	13mm R134a
4543BC	12	12	13mm R134a

90° TUBE-O 1”-14 with PORT



Part #	Fitting Size	Hose Size	Port
4524BC	1-14”	8	16mm
4525BC	1-14”	10	13mm
4526BC	1-14”	12	13mm

MALE INSERT O’RING STRAIGHT



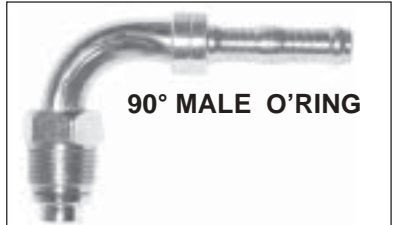
Part #	Fitting Size	Hose Size	Port
4470BC	6	6	w/o port
4471BC	8	8	w/o port
4472BC	10	10	w/o port
4473BC	12	12	w/o port

MALE O’RING

STRAIGHT MALE O’RING



Part #	Fitting Size	Hose Size	Port
4389BC	6	6	w/o port
4390BC	8	8	w/o port
4391BC	10	10	w/o port
4392BC	12	12	w/o port



90° MALE O’RING

Part #	Fitting Size	Hose Size	Port
4398BC	6	6	w/o port
4399BC	8	8	w/o port
4400BC	10	10	w/o port
4416BC	12	12	w/o port



90° MALE O’RING with PORT

Part #	Fitting Size	Hose Size	Port
4538BC	6	6	16mm R134a
4539BC	8	8	16mm R134a
4541BC	10	10	13mm R134a
4542BC	12	12	13mm R134a

90° MALE INSERT O’RING



Part #	Fitting Size	Hose Size	Port
4474BC	6	6	w/o port
4475BC	8	8	w/o port
4476BC	10	10	w/o port

(continued)

FITTINGS — BURGACLIP

SPLICER STRAIGHT



Part #	Fitting Size	Hose Size	Port
4478BC	6	6	w/o port
4479BC	8	8	w/o port
4480BC	10	10	w/o port
4481BC	12	12	w/o port

STRAIGHT SPLICER with PORT



Part #	Fitting Size	Hose Size	Port
4578BC	6	6	16mm R134a
4579BC	8	8	16mm R134a
4580BC	10	10	13mm R134a
4581BC	12	12	13mm R134a

BARRIER HOSE



Part #	Fitting Size	Hose Size	Rolls
8586	# 6	5/16" I.D.	50 ft.
8588	# 8	13/32" I.D.	50 ft.
8590	#10	1/2" I.D.	50 ft.
8592	#12	5/8" I.D.	50 ft.

SPLICER 3-WAY ("T")



Part #	Fitting Size	Hose Size	Port
4485BC	6 x 6 x 6	6	w/o port
4486BC	8 x 8 x 8	8	w/o port
4487BC	10 x 10 x 10	10	w/o port
4489BC	12 x 12 x 12	12	w/o port

CLIPS



Part #	Size
4120BC	# 6
4121BC	# 8
4122BC	#10
4123BC	#12

CLIP HOLDER



Part #	Size
4124BC	# 6
4125BC	# 8
4126BC	#10
4127BC	#12

FITTINGS

TOOLS



8758BC
BURGAFLEX CLIP PLIERS



8730 HOSE CUTTER
8731 BLADE FOR #8730

BRAZE NIPPLES



Part #	Fitting Size	Hose Size
4670BC	3/8"	# 6
4672BC	1/2"	# 8
4674BC	5/8"	#10
4676BC	3/4"	#12

How To Install Instructions



1. Cut hose to proper length.
2. Place two proper size clips into the clip holder. For ease of assembly, both clips should have the same orientation.
3. Slip in the clipholder with the clips. Place the clipholder with the two clips on the hose. In such a manner that the side with the smallest hole touches the end of the hose.
4. Lubricate the fitting with a generous amount of the a/c systems lubricator oil (this lowers the force of insertion)
5. Insert the Burgaclip fitting into the hose. Ensure that the fitting is fully inserted by checking the gap between the end of the hose and the shoulder of the fitting.
6. Close the clips with the Burgaflex clip pliers (#8758BC). The pliers open themselves when the correct amount of force has been reached. Start with the clip closest to the end of the hose. **DONE !**