

AIRSEPT®

**COMPRESSOR GUARD™
SUCTION SCREEN**
Stop Damaging Debris
OEM Recommended
No Hose Cutting



A/C COMPRESSOR GUARD™ SUCTION SCREEN Installation Instructions

Safety and Pre-Installation Preparation

1. Utilize proper service, safety, & recovery equipment. Use of safety goggles and gloves recommended.
2. Recover all refrigerant from the air conditioning system.
3. Remove the suction line or hose manifold assembly from the a/c compressor.
4. Inspect suction line and compressor suction port for a suction screen. If a screen is found, remove screen before proceeding.
5. Choose the proper size screen for placement in the suction port. See **Fig.1** for guidance on screen selection and fit or use a caliper that reads to 3 decimal places. (See chart on other side for additional screen sizes.)

Band should fit snugly halfway into suction port.

WARNING: A screen that is too small can cause damage to an a/c compressor.

CORRECT SCREEN SIZE



Suction Screen Installation

6. Lubricate the suction screen band with the correct refrigerant oil for the system in which the screen is being installed.
7. Place the suction screen, basket first, into the suction port of the hose manifold. Hand press the filter into the port evenly. (**Fig. 2**)

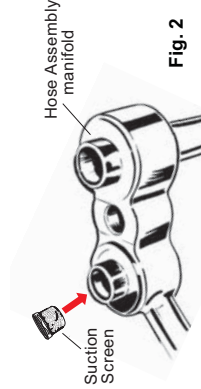


Fig. 2

8. Place the Thumb Saver Plate over the hand-inserted screen, holding onto the edges of the plate with your thumb and index finger (see Fig. 3).

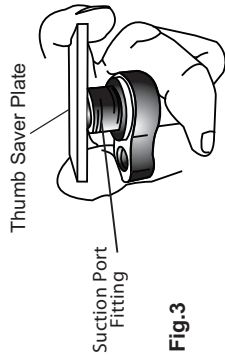


Fig. 3

9. Using a rubber mallet, firmly tap the Thumb Saver Plate over the suction screen (see Fig. 4) until the screen is flush with the manifold surface (see Fig. 5).

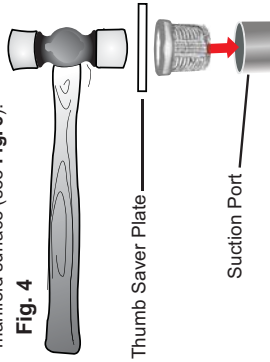
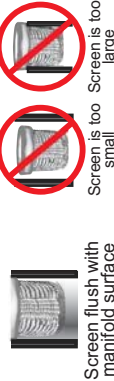


Fig. 4

CAUTION: MAKE SURE Mallet, THUMB SAVER, AND FILTER ARE SQUARE FOR PROPER INSTALLATION.

Fig. 5



Screen flush with manifold surface

Screen is too small

Screen is too large

10. Verify that the filter does not rotate and fits tightly in the port.
11. Reinstall the manifold or hose, replacing seals as needed, onto a/c compressor. Torque to manufacturer's specifications.
12. Apply the Notification Label (see Fig. 6) to a clean manifold, suction line, or other visible location.

Fig. 6



5-PACK P/N	SCREEN SIZE	FITS ID RANGE
67518	0.395" (10.03 mm)	.384" to .392"
67520	0.404" (10.26 mm)	.393" to .401"
67522	0.436" (11.07 mm)	.425" to .433"
67524	0.463" (11.76 mm)	.452" to .460"
67502	0.471" (11.96 mm)	.460" to .468"
67526	0.492" (12.50 mm)	.481" to .489"
67528	0.500" (12.70 mm)	.489" to .497"
67504	0.510" (12.95 mm)	.499" to .507"
67506	0.521" (13.23 mm)	.510" to .518"
67508	0.531" (13.49 mm)	.520" to .528"
67510	0.538" (13.67 mm)	.527" to .535"
67512	0.552" (14.02 mm)	.541" to .549"
67536	0.561" (14.25 mm)	.550" to .558"
67538	0.579" (14.70 mm)	.568" to .576"
67530	0.588" (14.93 mm)	.577" to .585"
67514	0.595" (15.11 mm)	.584" to .592"
67532	0.600" (15.24 mm)	.589" to .597"
67516	0.618" (15.70 mm)	.607" to .615"
67540	0.649" (16.48 mm)	.638" to .646"
67534	0.821" (20.85 mm)	.811" to .819"

For technical support please call

1-800-999-1051

between 9:00 AM and 5:00 PM Eastern Standard Time or visit

www.airsept.com