



Service Bulletin

SR-021
Rev. 1

DATE: May 30, 2008
TO: All Service and Parts Managers
SUBJECT: Harmonic Compressor Noise in Split Heat Pumps

Goodman has received field reports of harmonic compressor noise that can be heard at the indoor coil in the heat mode on some GSH, ASH, ASZ and SSZ model heat pump units. Our testing has determined that if this issue occurs, a discharge muffler (**Part # B1219301**) should be installed in GSH and ASH heat pumps and discharge muffler (**Part # 0162R00007S**) should be installed in the SSZ and ASZ heat pumps.

The discharge muffler should be installed between the compressor and the reversing valve as close to the compressor as possible. The discharge mufflers (**# B1219301 and # 0162R00007S**) can be ordered through the Service Parts Dept. by contacting your customer service representative.

NOTE: Before making the determination that the discharge muffler needs to be installed, the system should be thoroughly checked for proper operation (i.e. system pressures, airflow etc.) along with verification that neither the suction nor discharge lines are touching studs or framing in the structure or are strapped to these without proper isolation hardware.

Heat Pump models listed below will be manufactured with discharge muffler (**Part # B1219301**) starting with units produced after February 23, 2007. Units produced prior to this date may require the addition of a muffler to resolve any noise issue. .

Model #	Model #
GSH130251	ASZ140361
GSH130311	ASZ160361
GSH140361	ASZ140241
ASH130241	ASZ140301
ASH130301	SSZ140361
ASH130361	SSZ140241

ASZ and SSZ Heat Pump models will have the discharge muffler # 0162R00007 added to the units in phases starting in July, 2008.

Goodman will pay \$200.00 labor plus refrigerant recovery and refrigerant for each unit that requires installation of a discharge muffler. Discharge mufflers should be claimed under the warranty. A warranty claim form (RF000007) must be completed for each unit requiring the repair and must reference Project Code **8585** in section 6 (Project Code) on the warranty claim form. This claim can be filed on Service Bench (preferred) as Warranty Type "Epidemic" using **8585** as the "authorization" number. The claim will be paid upon review by the Warranty Department.

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