Refrigerant Recovery, Recycling, and Recharging

Chapter 15



ACROSS

- **1** A ______ is threaded over the R-12 fitting, using the same Schrader valve, and a thread-lock adhesive locks it in place.
- **4** A _____ is similar to a tire valve.
- **10** A typical vacuum gauge reads in inches of
- **11** ______ is using a liquid or a gas to clean the inside passages of an air-conditioning system.
- **12** The first step in servicing an A/C system is identifying the refrigerant in a system using an
- **13** _____ means that a vacuum will be applied to the system to remove the air and to vaporize any moisture that may be in the system.
- **14** ______ is the changing of a system from one refrigerant to another and is normally a repair-driv en operation and not done until absolutely necessary.

DOWN

- 1 Vacuum pumps are rated by both _____ minute and micron ratings.
- 2 Any refrigerant that contains _____ gases, usually air, or with 2% or greater of another material, is considered contaminated.
- 3 _____ is the process of removing moisture, oil, and noncondensable gases from the recovered R-12 or R-134a so it meets the standards of new refrigerant.
- **5** _____ equipment must be certified to meet SAE J2788, which has more stringent requirements starting in 2006 over the previous SAE J2210 standard (1991-2005).
- 6 The _____ rating is how deep a vacuum the pump can pull.
- 7 _____ means that all refrigerant is removed from a system so it can be stored in a container in liquid form.
- 8 The _-___ seal is part of a fitting that holds the ends of two refrigerant lines or hoses together inside a connector.
- With the system running, caution should be exercised if charging liquid into it to avoid
 ______ the compressor, which is allowing liquid refrigerant to enter a running compressor which can cause severe damage.

