





Your Instructor For This Webinar

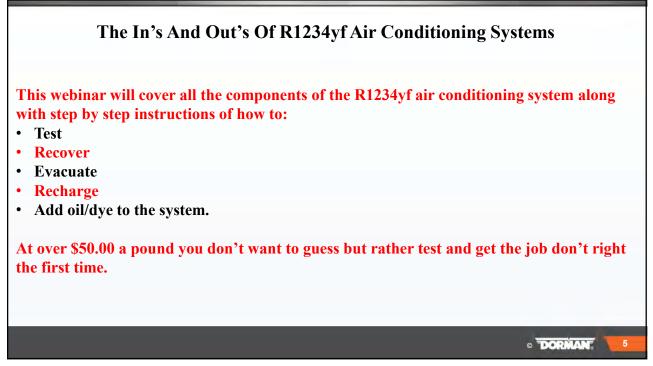
"G" Jerry Truglia

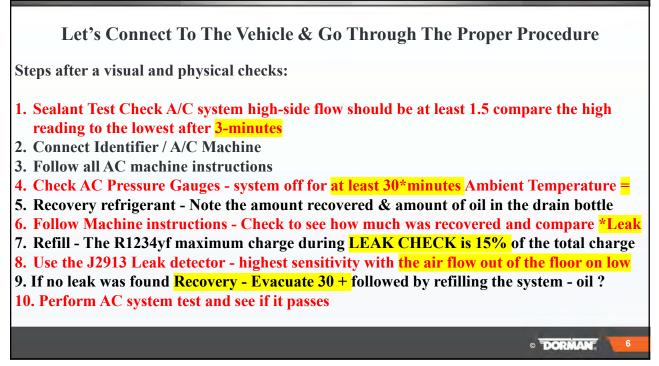
gtruglia@dormantraining.com

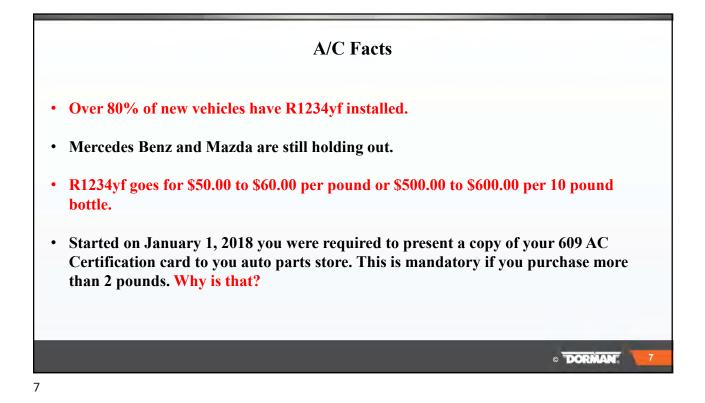
- National Trainer, ASE World Class, Master Auto, Truck, School Bus, L1, L3, CNG and...
- ATTP Master Instructor, New York State, CT and New Jersey
- STS (Service Technician Society) 2003 President
- TST (Technicians Service Training) Founder and President
- Author / Co Author/ Technical adviser on 25 plus books including OBD II and Mode 6, and Understanding and Diagnosing Hybrid Vehicles
- Published articles for multiple newsletters, and magazines
- Picked as one of the Top Instructors in the country by EPA & SAE
- Numerous Radio, TV, Internet, and SAE Video appearances
- PTEN, MotorAge and TST Webcast Instructor
- Motor Magazine Top 20 award winner
- Provider of OBD II Training for 14 states, Ontario Canada and the US EPA
- Guest speaker at SAE Congress, IM Solutions and Clean Air Conference

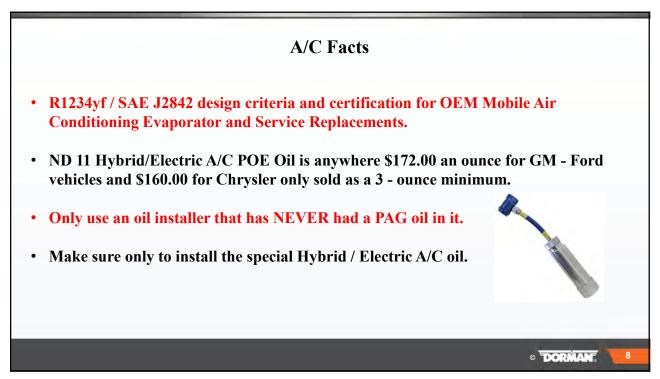
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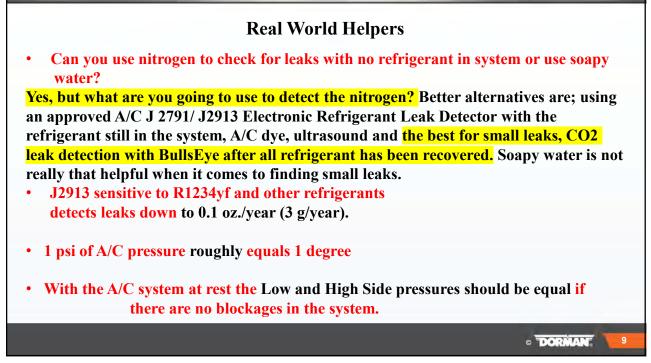


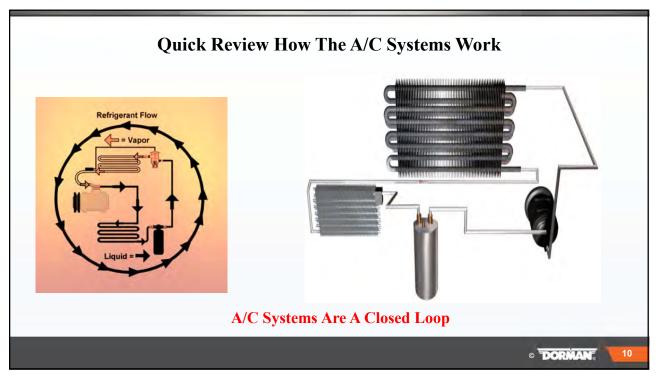


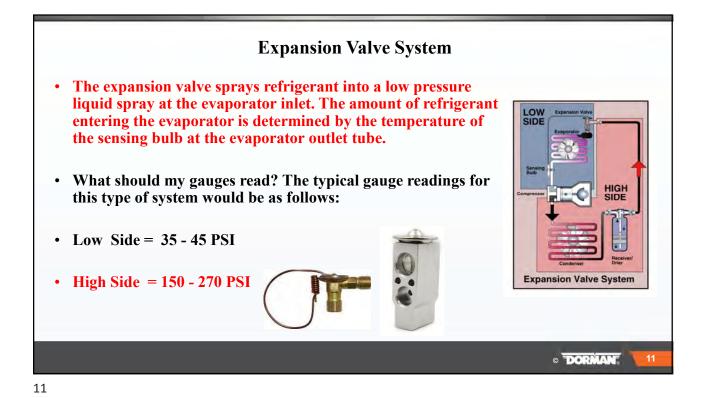


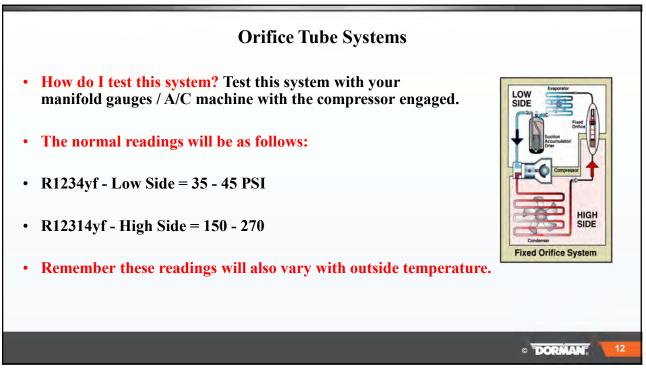


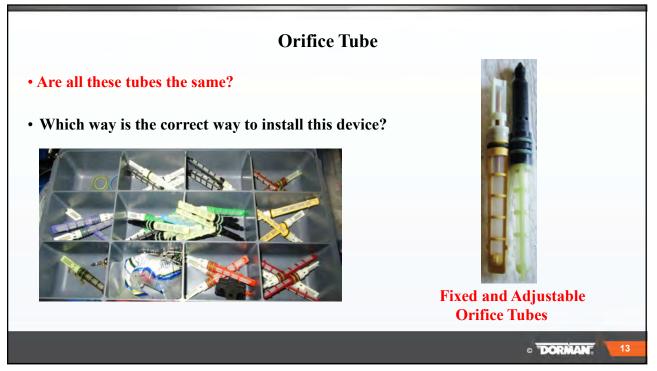










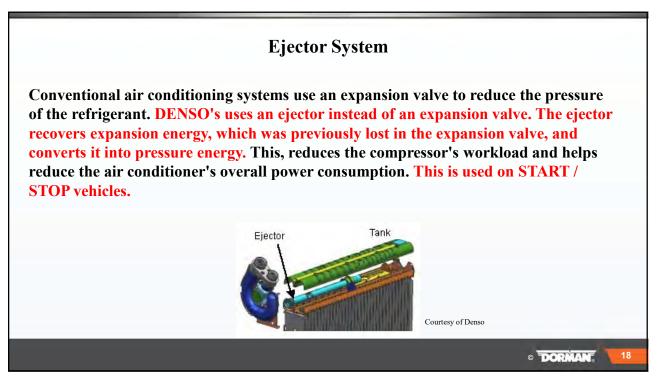


High Side = 150 - 270 PSI 65°F (18°C) 25.35 psi / 172-241 kPa 135-155 psi / 931-1069 kPa T0°F (21°C) 35-40 psi / 241-276 kPa 145-160 psi / 1000-1103 kPa 150-170 psi / 1034-1172 kPa R1234yf reading are similar 80°F (27°C) 40-50 psi / 276-345 kPa 175-210 psi / 1034-1172 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 225-250 psi / 1551-1724 kPa 90°F (32°C) 50-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 50-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1272-1486 kPa 90°F (32°C) 50-55 psi / 345-379 kPa 275-300 psi / 1896-2068 kPa 100°F (38°C) 50-55 psi / 345-379 kPa 315-325 psi / 2172-2241 kPa 105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa	• R134a	R-134a TEMPERATURE PRESSURE CHART (Tabla de Temperaturas y Lecturas)		
High Side = 150 - 270 PSI 65°F (18°C) 25·35 psi / 172-241 kPa 135-155 psi / 931-1069 kPa 70°F (21°C) 35-40 psi / 241-276 kPa 145-160 psi / 1000-1103 kPa 70°F (21°C) 35-45 psi / 241-310 kPa 150-170 psi / 1034-1172 kPa 80°F (27°C) 40-50 psi / 276-345 kPa 175-210 psi / 1034-1172 kPa 80°F (27°C) 40-50 psi / 276-345 kPa 175-210 psi / 1207-1448 kPa 85°F (29°C) 45-55 psi / 310-379 kPa 225-250 psi / 1551-1724 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 50-55 psi / 345-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 50-55 psi / 345-379 kPa 275-300 psi / 1896-2068 kPa 100°F (38°C) 50-55 psi / 345-379 kPa 315-325 psi / 2172-2241 kPa 105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa	• Low Side = 35 - 45 PSI	Temperature °F/°C	(Puerto de Servicio	(Puerto de Servicio
High Side = 150 - 270 PSI 75°F (24°C) 35-45 psi / 241-310 kPa 150-170 psi / 1034-1172 kPa 80°F (27°C) 40-50 psi / 276-345 kPa 175-210 psi / 1034-1172 kPa 175-210 psi / 1207-1448 kPa 81°F (29°C) 45-55 psi / 310-379 kPa 225-250 psi / 1551-1724 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1207-1448 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1724-1862 kPa 90°F (32°C) 50-55 psi / 345-379 kPa 275-300 psi / 1896-2068 kPa 100°F (38°C) 50-55 psi / 345-379 kPa 315-325 psi / 2172-2241 kPa 105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa		65°F (18°C)	and the second second size and the second	135-155 psi / 931-1069 kPa
80°F (27°C) 40-50 psi / 276-345 kPa 175-210 psi / 1207-1448 kPa 85°F (29°C) 45-55 psi / 310-379 kPa 225-250 psi / 1551-1724 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1724-1862 kPa 95°F (35°C) 50-55 psi / 345-379 kPa 275-300 psi / 1896-2068 kPa 100°F (38°C) 50-55 psi / 345-379 kPa 315-325 psi / 2172-2241 kPa 105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa		70°F (21°C)	35-40 psi / 241-276 kPa	145-160 psi / 1000-1103 kPa
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85°F (29°C) 45-55 psi / 310-379 kPa 225-250 psi / 1551-1724 kPa 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1724-1862 kPa 95°F (35°C) 50-55 psi / 345-379 kPa 275-300 psi / 1896-2068 kPa 100°F (38°C) 50-55 psi / 345-379 kPa 315-325 psi / 2172-2241 kPa 105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa		80°F (27°C)	40-50 psi / 276-345 kPa	175-210 psi / 1207-1448 kPa
R1234yf reading are similar 90°F (32°C) 45-55 psi / 310-379 kPa 250-270 psi / 1724-1862 kPa 95°F (35°C) 50-55 psi / 345-379 kPa 275-300 psi / 1896-2068 kPa 100°F (38°C) 50-55 psi / 345-379 kPa 315-325 psi / 2172-2241 kPa 105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa			45-55 psi / 310-379 kPa	225-250 psi / 1551-1724 kPa
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105°F (41°C) 50-55 psi / 345-379 kPa 330-335 psi / 2275-2310 kPa	R1254y1 reading are similar	95°F (35°C)	50-55 psi / 345-379 kPa	275-300 psi / 1896-2068 kPa
		100°F (38°C)	50-55 psi / 345-379 kPa	315-325 psi / 2172-2241 kPa
		105°F (41°C)	50-55 psi / 345-379 kPa	330-335 psi / 2275-2310 kPa
110°F (43°C) 50-55 psi / 345-379 kPa 340-345 psi / 2344-2379 kPa		110°F (43°C)	50-55 psi / 345-379 kPa	340-345 psi / 2344-2379 kPa

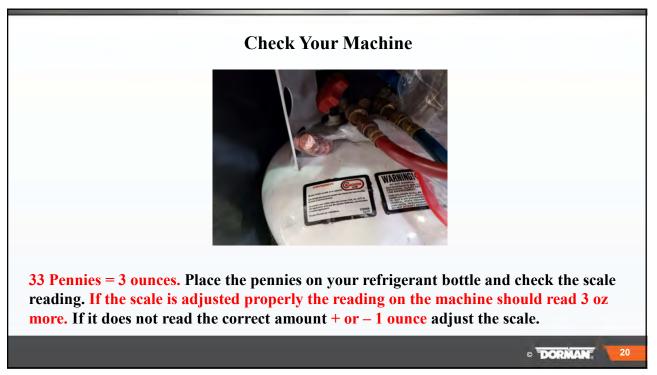












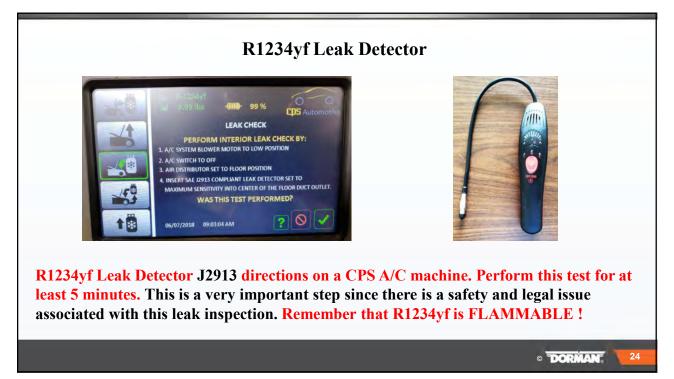
Before You Connect To The System - Sealant Test & Identification Procedure

- Step 1. SAFETY is everything! ALWAYS use googles (clear or yellow) to protect your eyes. Use the yellow googles to view dye.
- Step 2. Make sure to check for A/C Sealant in EVERY SYSTEM.
- Step 3. Is to check Refrigerant purity.

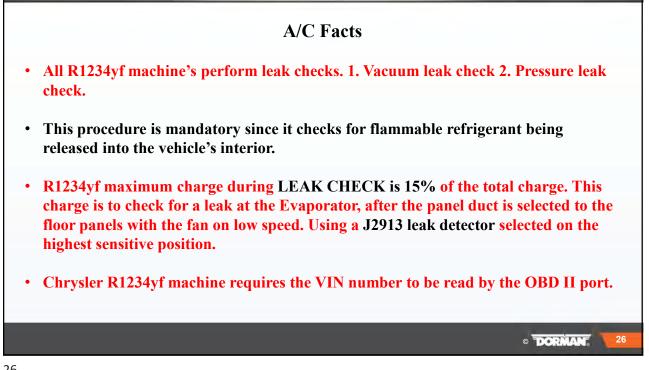












w-Pressure Gauge	High-Pressure Gauge	e Action Required
IN RANGE	IN RANGE	NONE - A/C is working properly
LOW	LOW	Add Refrigerant
LOW	HIGH	Possible blockage of the expansion valve or orifice tube
HIGH	LOW	Possibly faulty compressor
HIGH	HIGH	System is overcharged - Recover refrigerant





