

ADJUSTMENTS (Continued)

Accumulator / Drier

Drain the oil from the removed accumulator / drier through the Schrader valve fitting of the pressure switch with the valve stem removed into a calibrated measuring container. Add the same amount of clean YN-9 refrigerant oil to the new accumulator / drier after installation.

NOTE: If more than 147.85ml (5 oz) of refrigerant oil is removed from an accumulator / drier, it is an indication that the oil drain hole in the accumulator / drier is plugged. Always check the accumulator / drier for excessive oil if the compressor has been replaced for lack of performance.

Evaporator Core

NOTE: Whenever an evaporator core is replaced, it will be necessary to replace the suction accumulator / drier.

Add 88.71ml (3 oz) of clean YN-9 refrigerant oil to the accumulator / drier inlet tube whenever the evaporator core is replaced. This will compensate for the refrigerant oil lost in the replaced evaporator core.

Condenser

NOTE: Whenever a condenser is replaced, it will be necessary to replace the suction accumulator / drier.

Add 29.57ml (1 oz) of clean YN-9 refrigerant oil to the condenser or the accumulator / drier if the condenser is replaced.

Other Refrigerant System Components

Replacement of other refrigerant system components such as hoses, compressor valves, pressure switch, etc. do not require the addition of refrigerant oil unless the hose burst during system operation. Then the amount of oil to be added must be determined by the technician. Refer to Section 12-00.

SPECIFICATIONS

REFRIGERANT SYSTEM COMPONENTS AND CAPACITIES

Vehicle (1)	Compressor	Clutch Cycling Pressure Switch (2)	Fixed Orifice Tube	Refrigerant Capacity (3)	
				(oz.)	(kg.)
3.0L EFI	FX-15	X	X	32 ± 1	.91 ± 0.028
3.8L	FX-15	X	X	32 ± 1	.91 ± 0.028
3.0L SHO	10P15F	X	X	32 ± 1	.91 ± 0.028

- (1) All models equipped with Suction Accumulator / Drier
- (2) Pressure switch open at 169 kPa (24.5 psi)
- (3) Plus (2 oz.) (.57 kg.) minus (2 oz.) (.057 kg.)

REFRIGERANT SYSTEM

Description	Specification
System Protection Clutch Cycling Pressure Switch	Close Maximum 40-47 psi Open Minimum 22-28 psi
High Pressure Relief Valve ¹	3103 kPa (450 psi) minimum
Capacity 3.0L	32 Oz. ± 1 Oz.
3.8L	32 Oz. ± 1 Oz.
Type Refrigerant 12 (R-12)	Dichlorodifluoromethane CCL ₂ F ₂
ESA-M17B2A	D4AZ-19B519-A, Ford YN1-A, 14 Oz. Can, Motorcraft YN-7, 30 Lb. Container
Refrigerant Oil	YN-9

ELECTRICAL SYSTEM

System Protection	Fuse No.	Fuse Amps Rating
Blower Motor	1	30 Amp
A / C Clutch, Accessory Run, Blend Door	2	15 Amp
EATC Power On	3	15 Amp
EATC Panel Lamps	4	5 Amp
EATC LCD (Display)	5	15 Amp Headlamps Off
	6	5 Amp Headlamps On
EATC Memory	7	5 Amp

¹ Located in high pressure hose near compressor.