

# Component Procedures: Condenser HVAC

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# Component Procedures: Condenser HVAC

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Condenser	55036366AC	Condenser	0.00	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Condenser, R&R	B	1.3	1.0

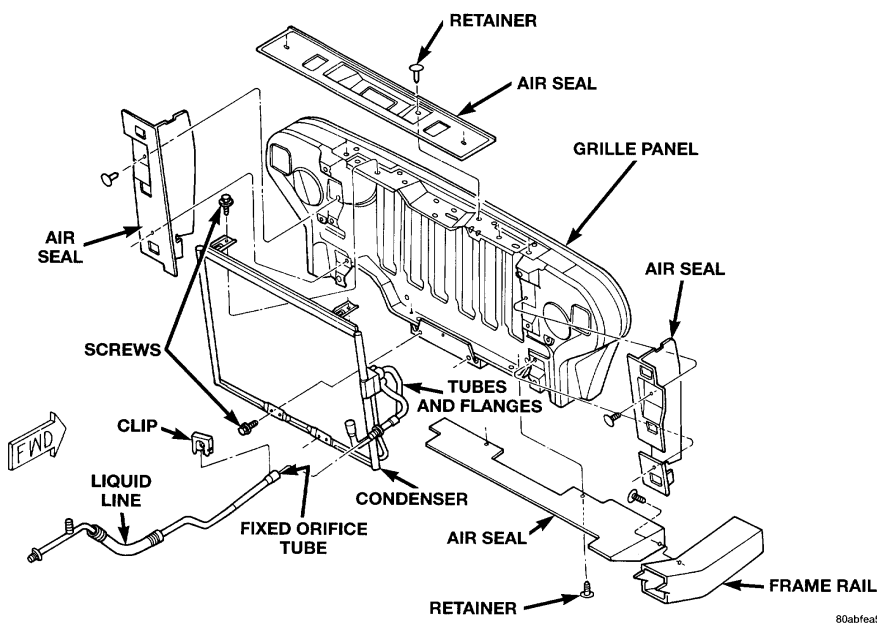
## Components (itype\_392)

### SYSTEM DESCRIPTION

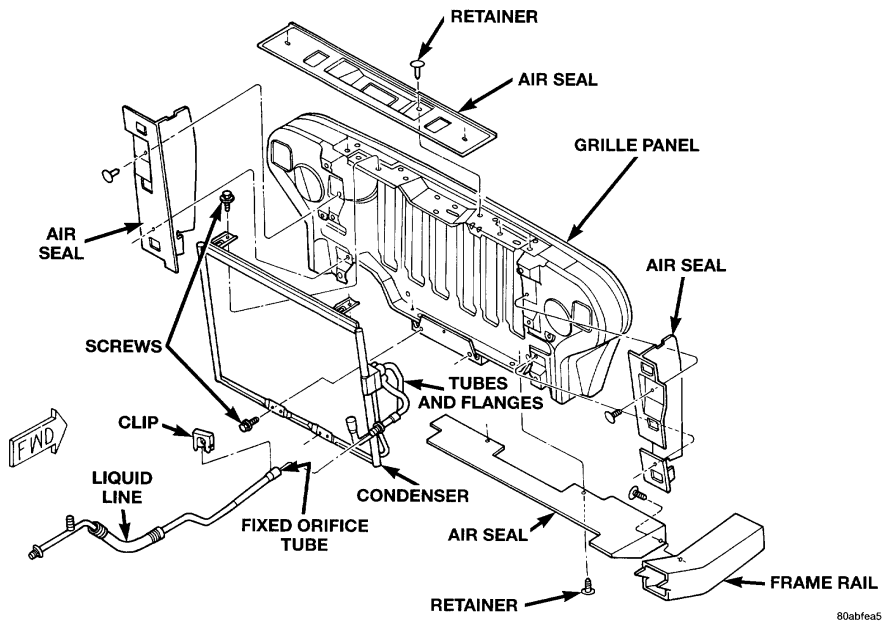
The condenser is located in the air flow in front of the engine cooling radiator. The condenser is a heat exchanger that allows the high-pressure refrigerant gas being discharged by the compressor to give up its heat to the air passing over the condenser fins. When the refrigerant gas gives up its heat, it condenses. When the refrigerant leaves the condenser, it has become a high-pressure liquid refrigerant. The volume of air flowing over the condenser fins is critical to the proper cooling performance of the air conditioning system. Therefore, it is important that there are no objects placed in front of the radiator grille openings in the front of the vehicle or foreign material on the condenser fins that might obstruct proper air flow. Also, any factory-installed air seals or shrouds must be properly reinstalled following radiator or condenser service.

The condenser cannot be repaired and, if faulty or damaged, it must be replaced.

## Components (itype\_32)



## Procedures (itype\_376)



### Mechanical (including Torque) (itype\_28)

Tighten the two screws that secure the upper condenser mounting brackets to the top of the grille panel screws to 2.2 Nm (20 in. lbs.)

Tighten the six screws that secure the radiator and shroud unit to the grille panel screws to 8 Nm (72 in. lbs.)

Tighten the inlet and outlet jumper tube block fittings to the condenser with mounting screws to 12 Nm (105 in. lbs.)

Tighten the two screws that secure the lower condenser bracket to the bottom of the grille panel to