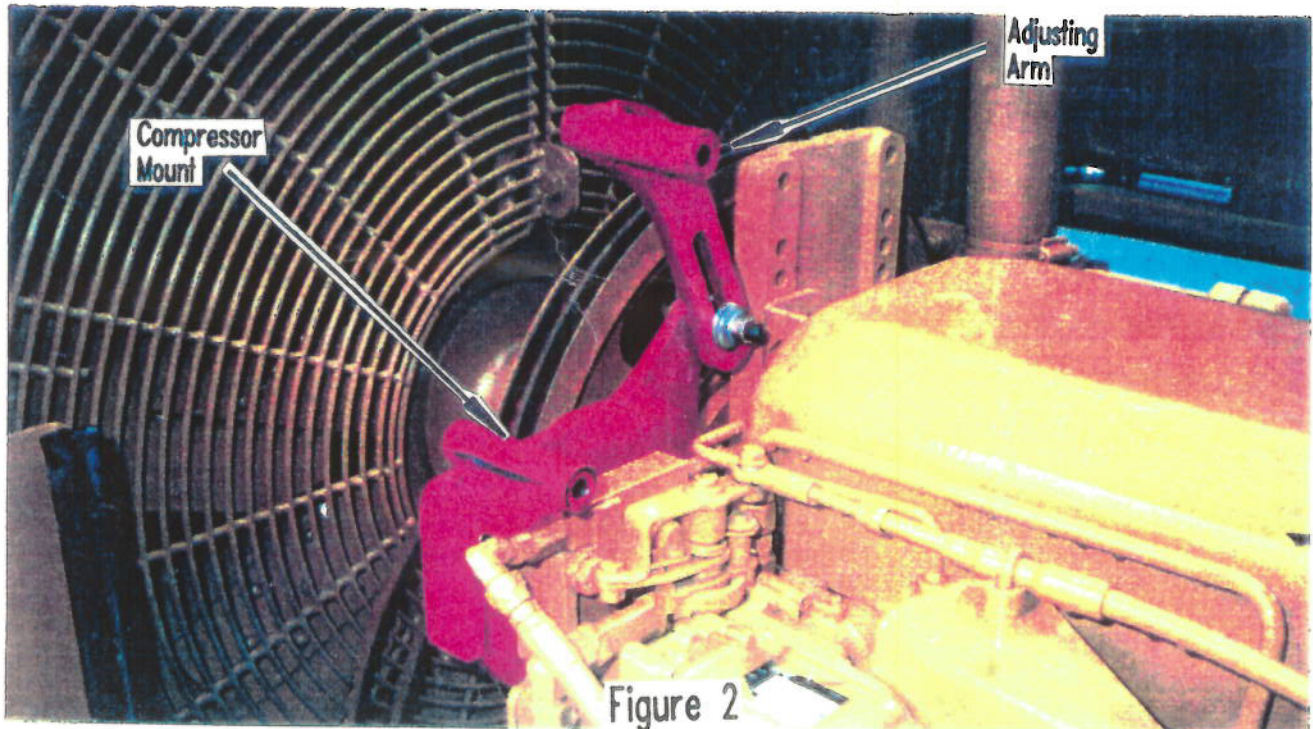
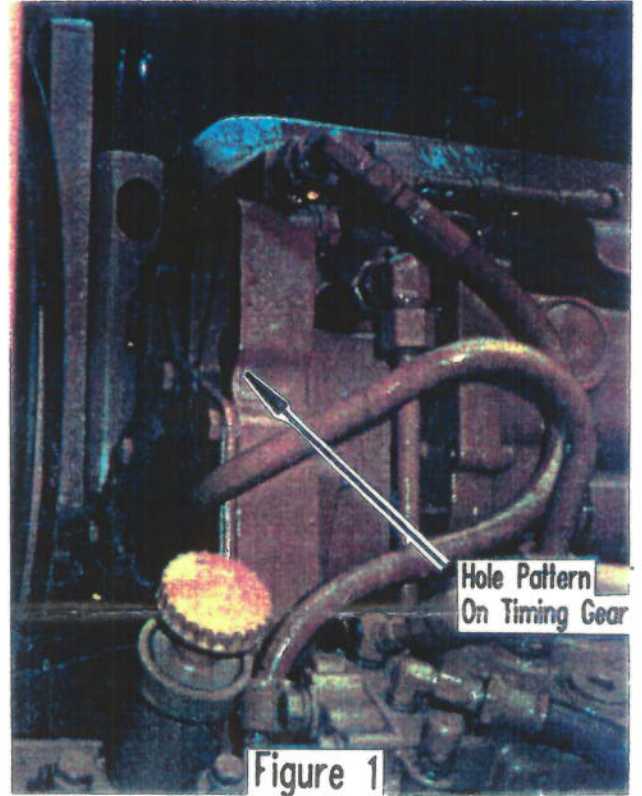
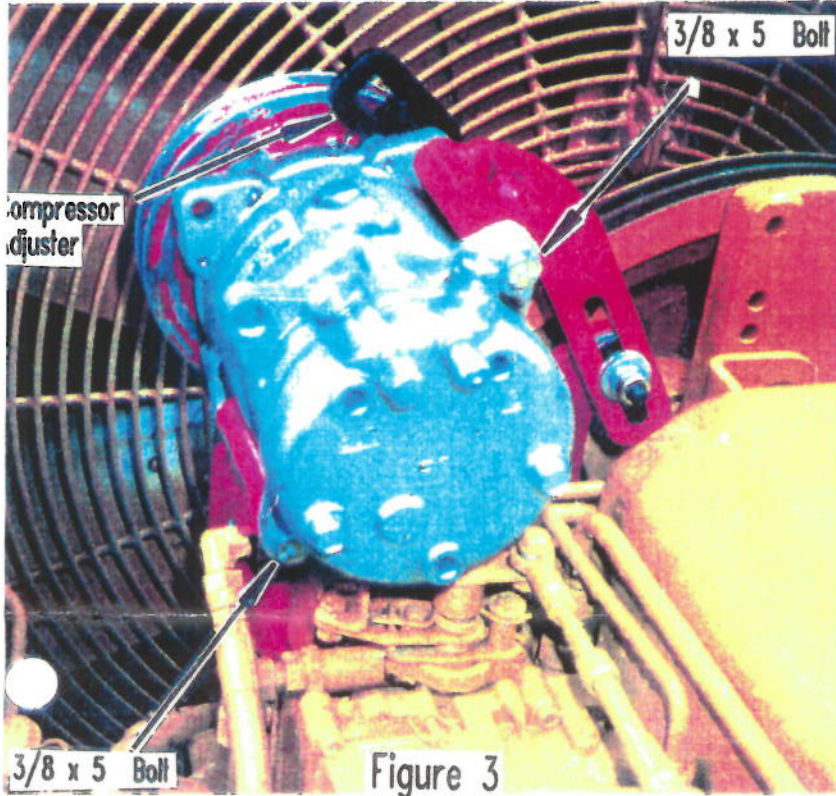


# RED DOT A/C COMPRESSOR MOUNT KITS

Caterpillar 950 F 3116 Engine **995-155**

## Mount & Drive Installation Instructions



**CATERPILLAR 950 F**  
 3116 ENGINE  
**COMPRESSOR MOUNT INSTALLATION**

**75R 9635**  
 RD-9-1166-0

ITEM	PART NUMBER	DESCRIPTION	QTY.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1	RD-9-1165-0	Compressor Mount	1	7	RD-5-6260-0	Washer 1/4" Thick	2
2	RD-9-1191-0	Adjusting Arm Assembly	1	8	RD-5-4173-0	Nut 3/8-16	2
3	RD-5-6358-0-5.000	Bolt 3/8 - 16 x 5	2	9	RD-9-9457-0	Compressor Adjuster	1
4	RD-5-6250-0-35	Bolt M10 x 1.5 x 35	4	10	RD-5-6621-0	Belt 9710	1
5	RD-5-6358-0-2.000	Bolt 3/8 - 16 x 2	1	11	RD-11-0114-0	Installation Instructions	1
6	RD-5-6139-0	Lockwasher M10	7				

**COMPRESSOR:** This Kit is designed for use with 75R 8234 (RD-5-5628-0)

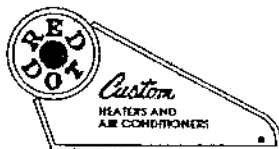
**CLUTCH DIAMETER:**

**INSTALLATION NOTES**

**NOTICE: USE LOCK-TITE AS REQUIRED**

**CAUTION: CHECK OIL LEVEL IN COMPRESSOR**

- A. Disconnect battery cable.
- B. Remove engine housing side panels and swing open service doors.
- C. Loosen alternator belts and remove from lower drive pulley only.
- D. Locate hole pattern on timing gear cover that matches pattern on compressor mount (opposite side from alternator). See Figure 1.
- E. Attach compressor mount with (4) M10 x 35 bolts and (4) lockwashers. See Figure 2.
- F. Install belt provided on open groove of lower drive pulley and compressor.
- G. Connect compressor lower tabs to compressor mount using 3/8 nut. Do not tighten. See Figure 3.
- H. Place 1/4" thick washer over bolt welded to compressor mount then place adjusting arm over same bolt with another 1/4" thick washer, lockwasher and nut. Do not tighten.
- I. Attach compressor to adjusting arm using 3/8 x 5 bolt, lockwasher and compressor adjuster. See Figure 3.
- J. Properly tension belt and tighten all compressor mount bolts.
- K. Reinstall and tension alternator belts, reinstall engine housing panels and reconnect battery cables.
- L. **CAUTION:** Check all engine compartment vacuum hoses and electrical wiring that might have been disturbed or rerouted during mount installation to be sure that they do not touch any high temperature item such as EGR valve, manifold, carburetor spacer, etc., and that they do not interfere with any linkage components.



**RED DOT CORPORATION** Seattle, WA

6/17/91