



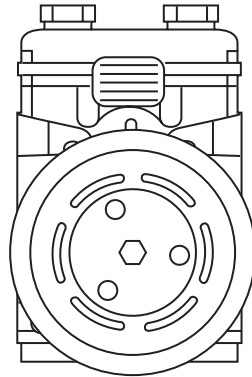
# Air Commander

## Part No. 26901

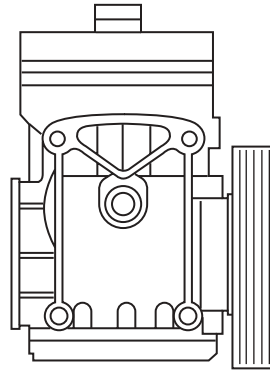
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MN-508  
(05504)  
NPR 5129

*Please read these instructions completely before proceeding with installation*



Front View



Side View

### Hardware

<u>Item</u>	<u>P/N</u>	<u>Description</u>	<u>Qty.</u>	<u>Item</u>	<u>P/N</u>	<u>Description</u>	<u>Qty.</u>
A	10232	Compressor Drive Pulley	1	L	17249	M8-1.25 x 50mm	3
B	10497	Pulley Bracket	1	M	10551	Hose Clip	1
C	10440	Adapter Plate	1	N	17106	3/8"-16 x 1.5 Bolt GD 8	1
D	10423	Compressor Bracket	1	O	10657	V-Belt	1
E	17101	3/8"-16 x 3/4" Bolt GD 5	2	P	10020	Intake Tube	1
F	17187	3/8"-16 x 7/8" Bolt GD 2	7	Q	17173	#14 x 3/4" Tap Screw	1
G	18444	3/8" Flat Washer	10	R	10315	Support Bracket	1
H	18427	3/8" Lockwasher	9	S	17188	3/8"-16 x 1.25 Bolt	1
I	18435	3/8"-16 Nylock Nut	1	T	17251	8 - 1.25x 25mm Bolt	1
J	18474	7/16" Flat Washer	1	U	18503	8mm Lockwasher	1
K	26630	Idle Pulley Assembly	1	V	17321	10-1.5 x 1 Bolt	1

**IMPORTANT:** Always keep safety in mind when working on your vehicle.

**NOTE:** This compressor will mount on the left (driver) side of the engine.

## I. Assembling the Compressor

1. Attach the clutch to the compressor using the four bolts that come in the box with the clutch (Figure 1). Tighten the bolts securely.

NOTE: Make sure that the wire is at the top of the compressor.

2. Place the compressor drive pulley over the clutch and align the keyway. Attach the pulley using the provided hardware. Tighten securely to the shaft (Figure 2).
3. Route the wire through the clamp (M) (Figure 2). Attach the small clamp using a bolt (E) and a flat washer (G).
4. Attach the plate (D) to the right side of the compressor (engine side) using three bolts (F), lockwashers (H), and flat washers (G) (Figure 3).
5. Attach the idler pulley (K) to the pulley bracket (B) with a bolt (E), lockwasher (H) and flat washer (J). Tighten Securely.
6. Attach the idler pulley assembly to the pulley side of the compressor bracket with two bolts (F), two lockwashers (H), and two flat washers (G). Leave loose at this time (Figure 4).

## II. Preparing the Vehicle

1. Disconnect your battery.
2. Remove the stock air box (Figures 5 and 6).
3. Loosen the three bolts holding the water pump pulley on (Figure 7).
4. Loosen the tension of the serpentine belt and remove it.
5. Remove the water pump pulley bolts and discard.
6. Attach the compressor drive pulley (A) over the stock water pump pulley and attach with three bolts (L) (Figure 7). Tighten securely.

## III. Installing the Assembly

1. Remove the bottom bolt holding the stock air conditioner compressor on (Figure 7).
2. Remove the air conditioner/power steering bracket bolt that is under the power steering pump (Figure 8).
3. Install the lower adapter plate bracket (C) with supplied bolt (V). Leave loose at this time (Figure 9).

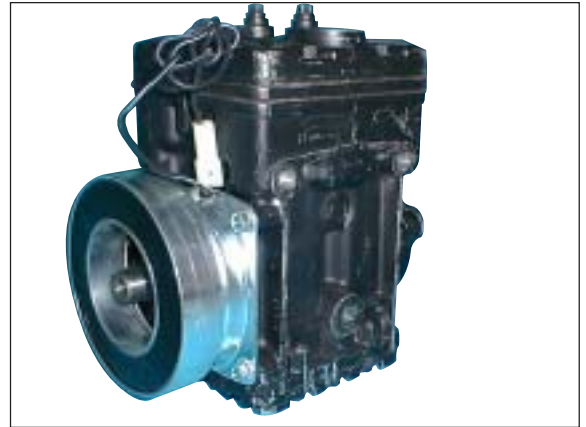


Figure 1

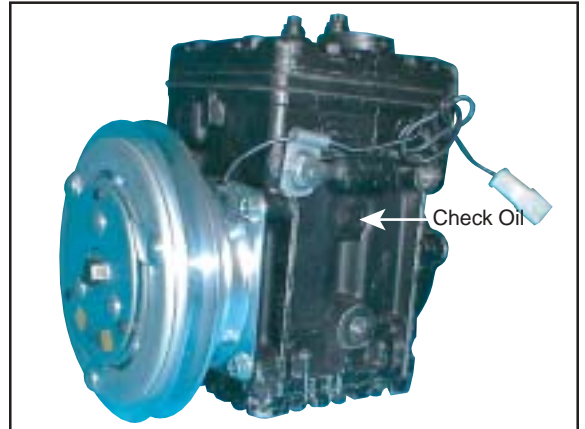


Figure 2

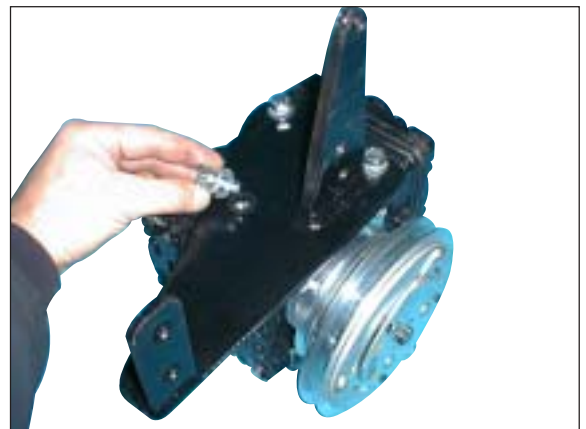


Figure 3



Figure 4

4. Set the assembly into position lining up the top air compressor bracket with the hole in the air conditioner bracket (Figure 10).

NOTE: The idler pulley on the compressor bracket has been removed for visual purposes only.

If you do not have an air conditioner, a bolt (N), two flat washers (G), and nylock nut (I) will be required to attach the assembly.

5. Attach the bottom air compressor bracket to the adapter plate bracket. The compressor bracket will be on the front side (Figure 11). Using two bolts (F), two lockwashers (H), and four flat washers (G). Tighten all mounting hardware at this time.
6. Install the support bracket (R) by removing the existing air conditioning bracket bolt that is on the left side, behind the air compressor (Figure 12).
7. Attach the support bracket (R) to the bottom, back corner of the compressor using one  $\frac{3}{8}$ " bolt (U) and one lockwasher (H). Attach the other end of the brace over the air conditioner bracket. Align the hole in the air conditioner brace with the hole in the air conditioner bracket.

NOTE: If you do not have air conditioning, line up the support bracket (R) with the existing hole in the air conditioner bracket.

8. Attach with the 8 mm bolt (T) and lockwasher (U). Tighten securely.

The installed assembly should look like figure 13.

9. Re-install the serpentine belt.
10. Install the engine driven compressor belt (O) onto the drive pulley (A) and the compressor pulley.
11. Turn the idler pulley assembly to increase belt tension. Tighten both bolts holding the tensioner secure (Figure 14).

#### IV. Checking the Belt

1. Attach the positive battery cable.
2. Check all hardware to be sure that it is secure.
3. Insert the intake tube (P) into the stock cold air intake, and tighten the stock clamp. Install the filter with 3" flange (not supplied) to the other end of the intake tube. Attach the intake tube (P) to the radiator core support with self tapper (Q) (Figure 15).

4. Start the engine and observe the belt pulley for alignment.

NOTE: Do not engage the clutch yet.

5. Once the pulley is properly aligned, the clutch may be engaged.



Figure 5



Figure 6

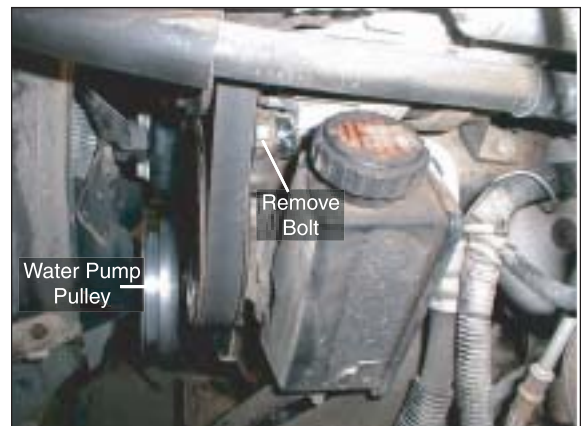


Figure 7



Figure 8



Figure 9



Figure 13



Figure 10



Figure 14



Figure 11



Figure 15



Figure 12



***Thank you for purchasing Air Lift Products***

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