



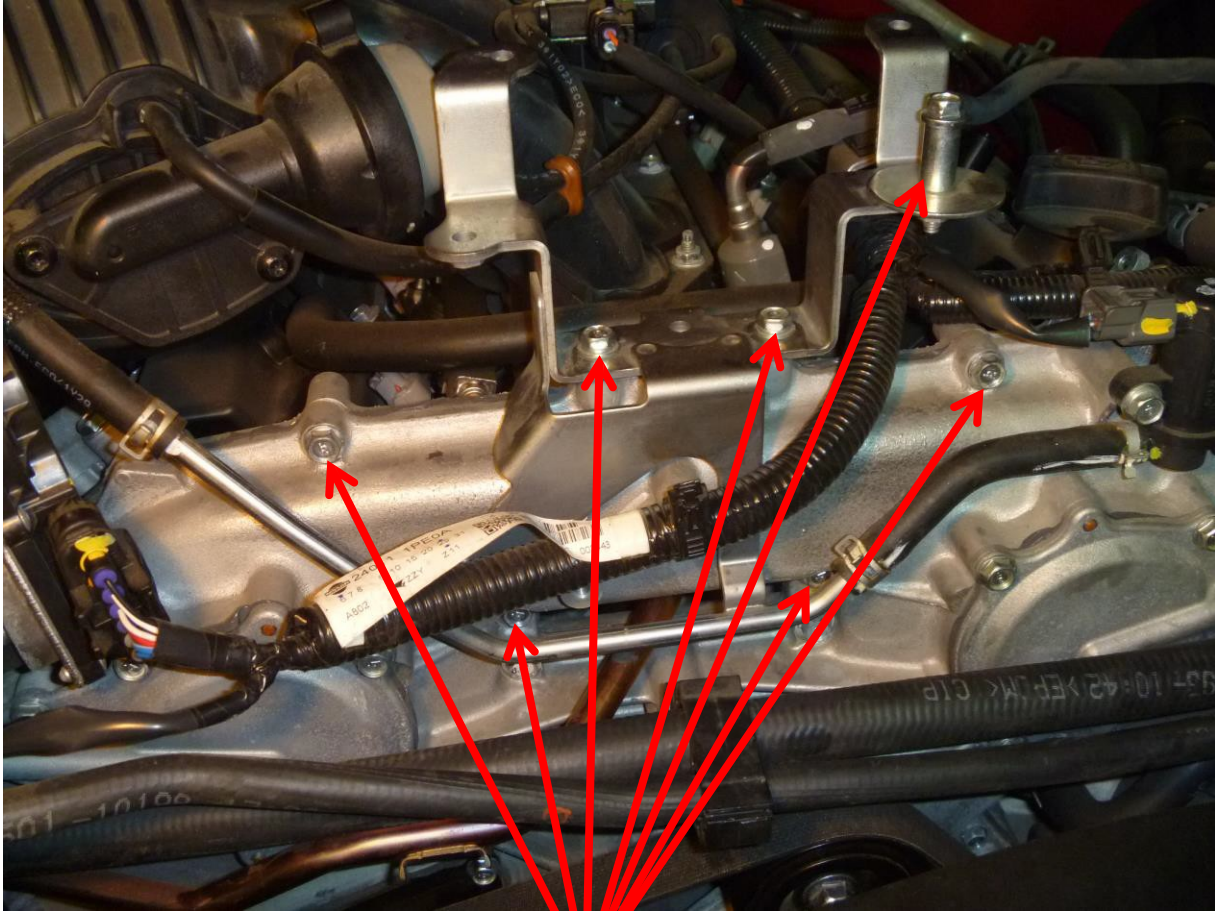
**CW Mill Equipment Co., Inc.**  
14 Commerce Drive Sabetha, KS 66534  
Phone: (785) 284-3454  
Fax: (785) 284-3601  
Email: brackets@cwmill.com  
Website: [www.cwkits.com](http://www.cwkits.com)

**NMK40SD508-I7**  
2011-2021 Nissan NV 1500-3500 Van  
4.0L V6 Gas  
W/ A.C., Requires 8 Groove Clutch

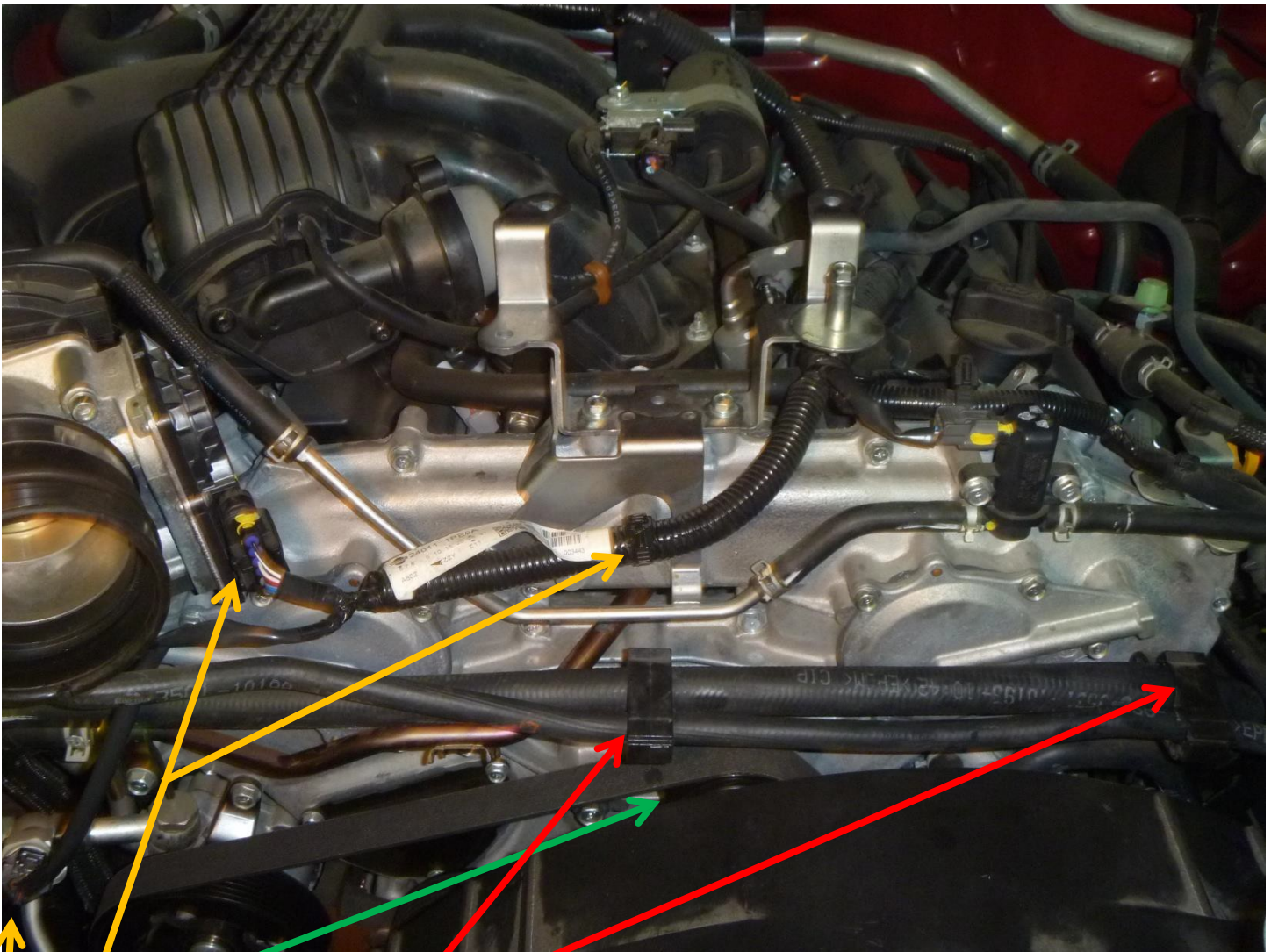
## INSTALLATION NOTES

---

Remove vent hose from air duct and discard. Remove air duct.



Remove these items.

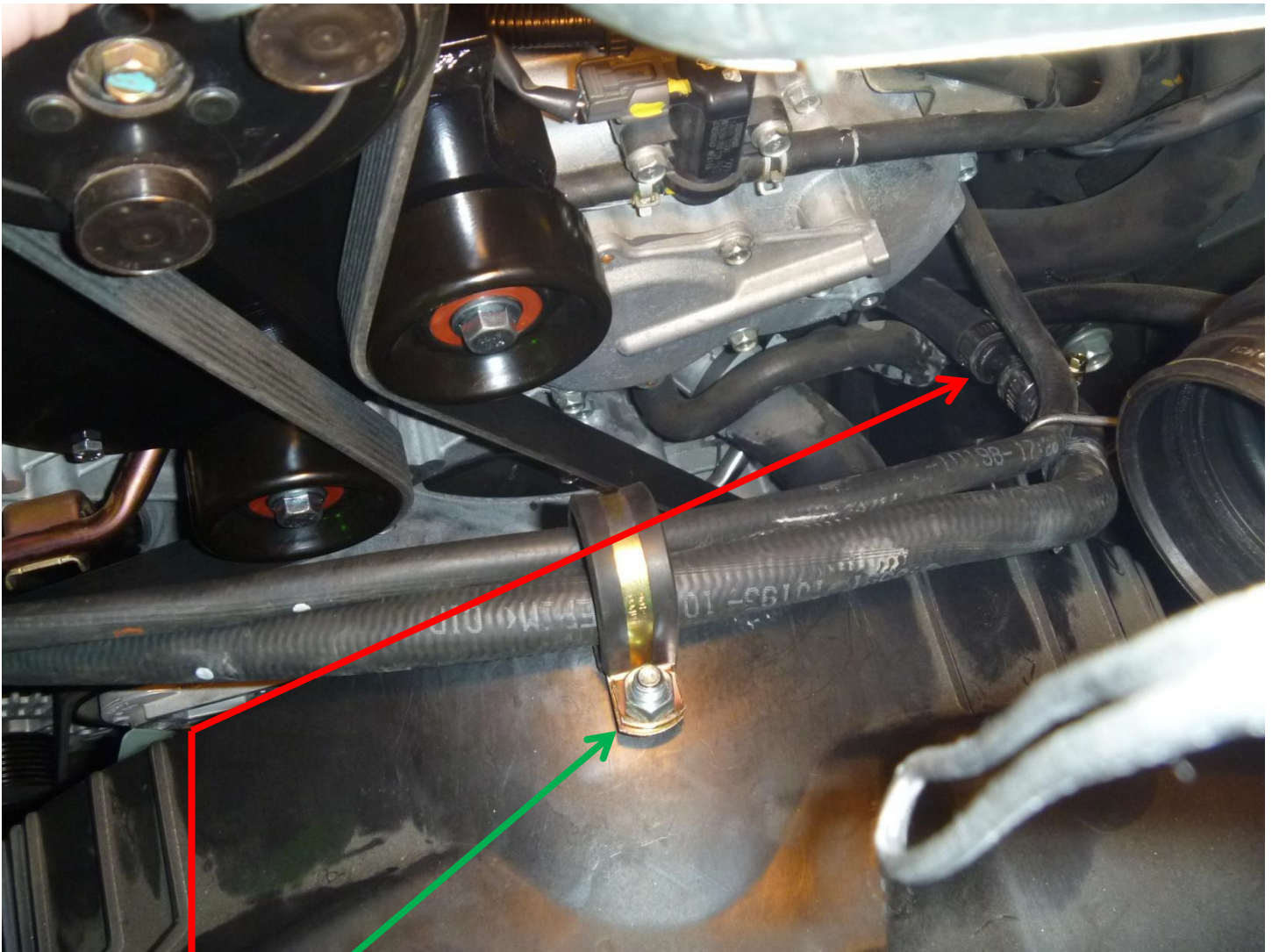


Remove Idler.

Remove both hose retainers. Remove serpentine belt.

Disconnect harness plugs and retaining strip. Move harness behind air duct support.

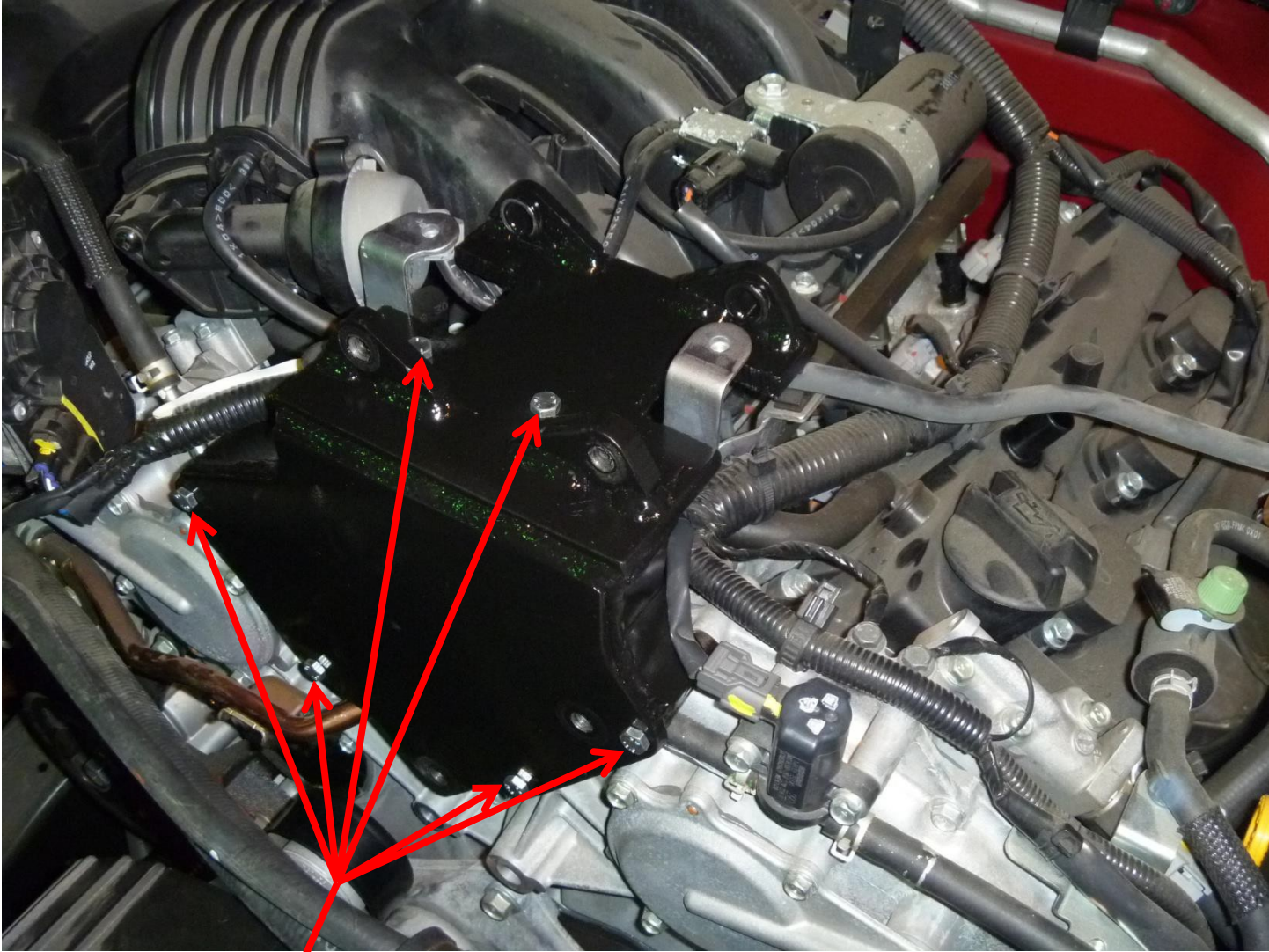




Open cap on radiator to release pressure (Do not do this while engine is hot). Reinstall cap.

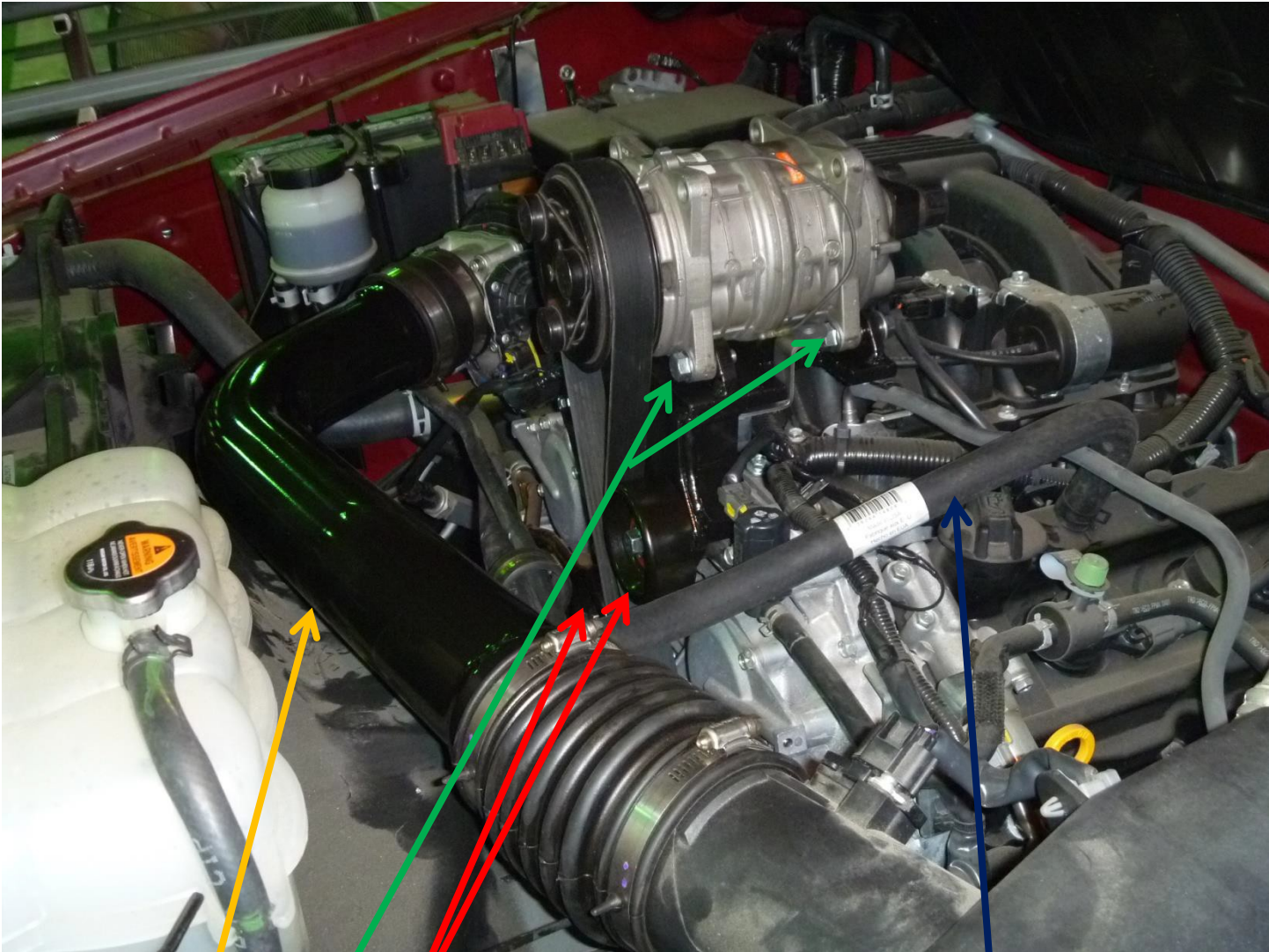
Remove heater hose here and add hose extension using 3-#10 hose clamps as shown here. Your thumb may be used on end of hose to reduce loss of coolant.

Install wire loom clamp as shown by drilling 3/8" hole in the top of the fan shroud and retain hoses keeping them away from the fan and from new bracket location.



Install new bracket using 6-6mm x 75mm bolts with lock washers.

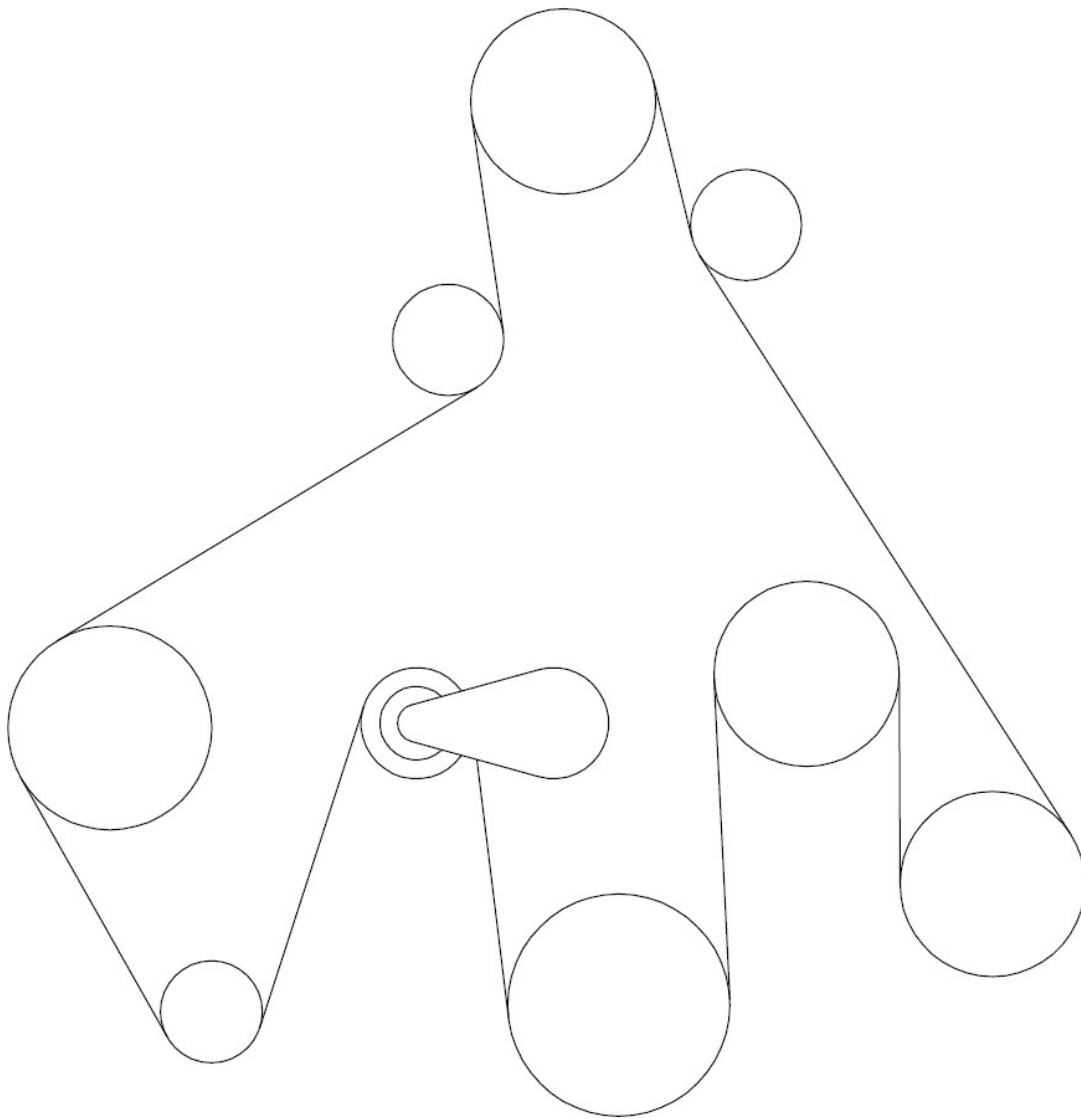




- Install new air duct.
- Install aux. A.C. compressor using the hardware provided.
- Install both idler assemblies to bracket.

Install new vent hose reusing factory clamps.

Install new belt according to belt diagram below. Belt should be installed on front seven grooves.



Check coolant level and add coolant if necessary. Check all clearances. It is the installer's responsibility to check all modifications made for potential problems and also belt tracking.

# NMK40SD508-I7

## BRACKETS

(1) NMP40SD508-I7 ( Main Bracket)

## MOUNTING HARDWARE

(6) 6mm x 75mm Bolt

(6) 6mm Lock Washer

## IDLER ASSEMBLY

(2) 89007 Dayco

(2) CMB3867

(2) 10mm x 30mm Flange Bolt

## AIR INTAKE

(1) NMB401 Pipe

(1) 80405 Dayco hose cut 14" long  
from bend

## HOSE EXTENSION

(1) 4" piece of 5/8" Hose from drop  
off 80405 which was cut above

(1) 5/8" Double end plastic hose barb

(3) #10 Hose Clamp

(1) #24 heavy (adel) wire loom clamp

(1) 3/8" x 3/4" Bolt

(1) 3/8" Nut

(1) 3/8" Flat Washer

(1) 3/8" Lock Washer

## A.C. HARDWARE

(2) 10mm x 30mm Flange Bolt

(2) 10mm x 40mm Flange Bolt

(2) 10mm Flange Nut

(2) 1255-0090 Slide Bushings  
(Installed in Bracket)

## BELT

(1) Gates K071157