

Renew Drive Belt

2003 S-Type 3.0L V-6

Tools

1/4" drive nutdriver with 7mm socket

Cheater Pipe

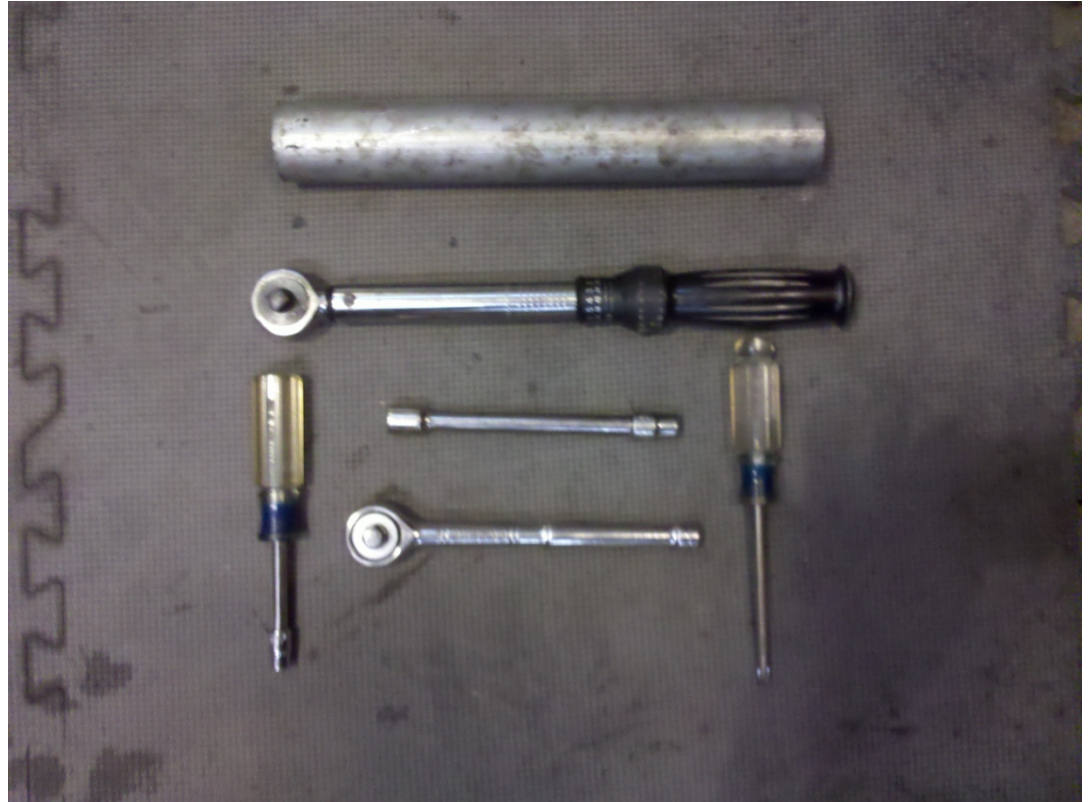
3/8" Drive Torque Wrench

3/8" drive ratchet

Phillips Screwdriver

3/8" drive 6" Extension

3/8" Drive 10mm socket (std or deepwell)



Preparation

- Open Bonnet



Remove Upper Rad Cover

Remove 4 tool-less fasteners and upper radiator cover



Remove Air Box

Loosen air intake hose-clamp at throttle body (7mm)



Remove Air Box

Disconnect vacuum tube from air intake hose



Remove Air Box

Disconnect MAF electrical connector



Remove Air Box

Remove (2) scrivets fixing air intake snorkel to upper rad support (phillips)



Remove Air Box

Remove 6mm air filter box fixing bolt
(10mm socket w/extension)

Remove air-filter box, intake snorkel
and air intake hose assy



R&R Drive Belt

Engage belt tensioner with 3/8" drive tool with sufficient moment arm.

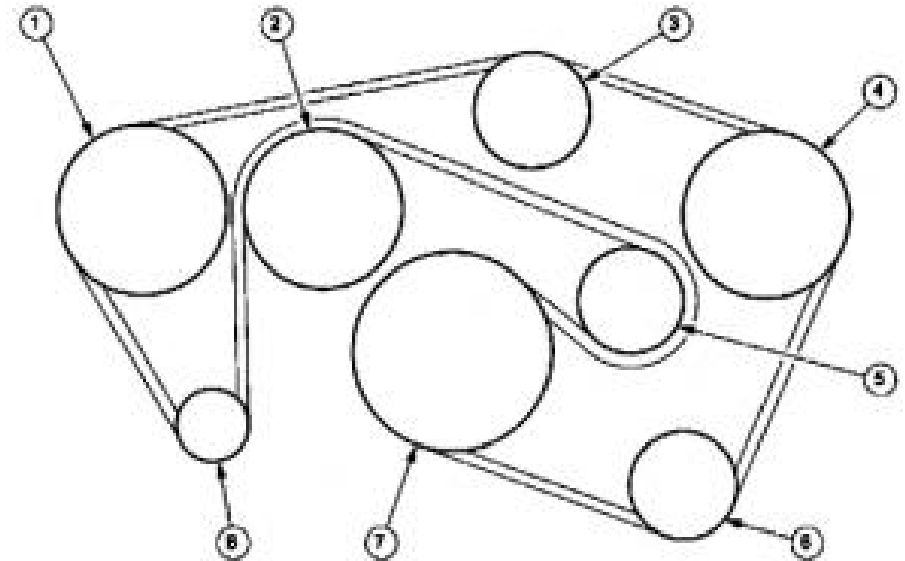
(Torque Wrench+ Pipe)

Actuate tensioner inboard until sufficient slack to remove drive belt from Pwr Strng pump pulley

Carefully ease tensioner outboard to tool-stop

Remove belt

Attempt belt routing for minimum of 15 mins before popping bonnet on your other S-Type 3.0L to see how it goes.



Item	Description
1	Accessory drive belt idler pulley
2	Water pump pulley
3	Accessory drive belt idler pulley
4	Power steering pump pulley
5	Accessory drive belt tensioner
6	Air conditioning compressor pulley
7	Crankshaft pulley
8	Generator pulley

(Or search Rick's posts to find the diagram shown at right)