Inspection / Maintenance Set Procedure

For Villager

Note: For manual transmission, follow this shift chart:

1-2 shift @ 13-15 mph
2-3 shift @ 23-25 mph
3-4 shift @ 33-40 mph
4-5 shift @ 39-45 mph

Pre-Conditioning Requirements

· MIL must be off.
· ECT must be below 122º F.

Driving Procedure

1) Idle engine until ECT is above 160º F.

2) Idle for 1 ½ additional minutes.

3) Accelerate gradually to 56 mph (A/T in D with O/D ON). Coast for ten seconds.

4) Accelerate and drive at a steady speed between 53 and 56 mph for ten minutes.

5) Stop and idle for twenty seconds.

6) Accelerate to 25 mph in about ten seconds. Hold accelerator steady for twenty seconds.

7) Repeat steps 5 and 6 eight times.

8) Accelerate and drive at a steady speed between 53 and 56 mph for six minutes. Maintain accelerator pedal setting, not vehicle speed.

For 1.8 L Escort and Probe

Pre-Conditioning Requirements:
· MIL must be off.
· No DTCs present.
· Cold start (Preferred: 8 hour soak with engine between 68 and 86 °F at start-up)
· Fuel fill is between 15 & 85 %.
· All accessories OFF.

Driving Procedure

1) Start vehicle and idle for five minutes.

2) Rev engine in neutral or park to 2,300-2,700 rpm for 15 seconds.

3) Rev engine in neutral or park to 3,800-4,200 rpm for 15 seconds.

4) Idle engine for 20 seconds with cooling fan stopped.

5) Accelerate to 52-55 mph, maintain speed (in high gear) for 1 ½ minutes.

6) Decelerate to 15 mph, and then drive for 13 minutes at speeds ranging from 15 to 35 mph.

7) Maintain a steady 25 mph for 50 seconds.

For all other Ford Vehicles

Pre-Conditioning Requirements:

· Cold soak the vehicle for 8 hours
· No DTCs present
· Fuel fill between 15% & 85 %

Driving Procedure

1) Start the vehicle and idle for four (4) minutes.

2) Idle the vehicle in drive for 40 seconds (neutral for M/T).

3) Accelerate to 45 mph, using ¼ to ½ throttle (M/T stay in second gear for at least 5 seconds). Accelerate for at least 10 seconds and shift through to 5th gear.
4) Drive with a steady throttle at 45 mph for 30 seconds.

5) Stop the vehicle and idle in drive or neutral for 40 seconds.

6) Drive at speeds between 25 and 45 mph for 15 minutes.
   Use ¼ to ½ throttle accelerations. Include the following conditions:
   · At least 5 stops with ten seconds of idle time.
   · At least 3 steady speed sections of 1 ½ minutes duration.

7) Drive the vehicle between 45 and 60 mph for 8 minutes (use high gear).

8) Maintain a steady speed between 45 and 60 mph for 5 minutes.

9) Drive the vehicle between 45 and 60 mph for 8 minutes (use high gear).

10) Stop vehicle, idle for 40 seconds.