



# Ford Drive Cycle Information

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## 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 122° F.

### Driving Procedure

- 1) Idle engine until ECT is above 160° 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:



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- 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.



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- 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  $\frac{1}{4}$  to  $\frac{1}{2}$  throttle accelerations. Include the following conditions:
  - At least 5 stops with ten seconds of idle time.
  - At least 3 steady speed sections of 1  $\frac{1}{2}$  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.