

**POLICY STATEMENT  
BOARD OF SELECTMEN**

**Title: Fuel Efficient Vehicle Policy**

**Policy Number: 26**

**Adoption Date: August 14, 2018**

**Revision Date:**

**Purpose: To establish practice that the Town of Shrewsbury shall purchase only fuel efficient vehicles for municipal use, whenever such vehicles are commercially available and practicable**

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**Policy:** In an effort to reduce carbon dioxide emissions, fuel consumption, and energy costs, the Town of Shrewsbury Board of Selectmen is hereby committed to purchasing only fuel efficient vehicles to meet this goal, effective immediately.

**Definitions**

Combined city and highway MPG (EPA Combined Fuel Economy (CFE)):

Combined Fuel Economy means the fuel economy from driving a combination of 43% city and 57% highway miles and is calculated as follows:

$$=1/((0.43/City\ MPG)+(0.57/Highway\ MPG))$$

Drive System:

The manner in which mechanical power is directly transmitted from the drive shaft to the wheels.

The following codes are used in the drive field:

- AWD = All Wheel Drive: 4-wheel drive automatically controlled by the vehicle power-train system
- 4WD = 4-Wheel Drive: driver selectable 4-wheel drive with 2-wheel drive option
- 2WD = 2-Wheel Drive

Heavy-duty vehicle:

A vehicle with a manufacturer's gross vehicle weight rating (GVWR) of more than 8,500 pounds.

**Applicability**

This policy applies to all divisions and departments of the Town of Shrewsbury, including School Department.

**Guidelines**

All departments shall purchase only fuel-efficient vehicles for municipal use, whenever such vehicles are commercially available and practicable.

The Town of Shrewsbury will maintain an annual vehicle inventory for both exempt and non-exempt vehicles and a plan for replacing these vehicles with vehicles that meet, at a minimum, the fuel efficiency ratings contained in the most recent guidance for Criteria 4 published by the Massachusetts Department of Energy Resources' "Green Communities Division". The fuel efficiency ratings contained therein are based on the most recently published US Environmental Protection Agency combined city and highway MPG ratings for vehicles.

This "Green Communities" guidance for Criteria 4 must be checked for updates prior to ordering replacement vehicles.

### **Exemptions**

Heavy-duty vehicles are exempt. Examples include fire-trucks, ambulances, and some public works trucks that meet the definition of "heavy-duty vehicle".

Police cruisers, passenger vans, and cargo vans are exempt from this criterion as fuel efficient models are not currently available. However, we commit to purchasing fuel efficient police cruisers, passenger vans, and cargo vans when they become commercially available. Police and fire department administrative vehicles are NOT exempt and must meet fuel efficient requirements.

### **Inventory**

The following information shall be included in a vehicle inventory list and said list shall be updated on an annual basis:

Model	Make	Model Year	Drive System	Year/month Purchased	> 8500 pounds? (yes/no)	Exempt or non-exempt	MPG Rating	Vehicle Function
			2-WD 4-WD A-WD					

*NOTE: Departments may use EPA combined MPG estimates or actual combined MPG.*

### **Anti-idling policy**

No employee of the Town of Shrewsbury shall allow operation of the engine of a motor vehicle while said vehicle is stopped for a foreseeable period of time in excess of five minutes, unless such operation is necessary.

### **Fuel efficient vehicle replacement plan**

The Town of Shrewsbury shall develop a plan to replace all non-exempt vehicles with fuel efficient vehicles as defined above. Said plan shall outline the process by which the Town will replace vehicles, set goals for when the existing fleet will be replaced, and review said plan on an annual basis.

### **Questions / enforcement**

Inquiries should be directed to the department responsible for fleet management and/or fleet procurement. This policy is enforced by the Board of Selectmen and/or their designee(s).