

TOWN OF IPSWICH

FUEL EFFICIENT VEHICLE POLICY

Select Board Approval Date:	September 16, 2019
School Committee Approval Date:	May 2, 2019
Effective Date:	September 17, 2019

The Ipswich Select Board and the Ipswich School Committee have approved the following Fuel Efficient Vehicle Policy (“Policy”) to govern the replacement of all non- exempt municipal vehicles with fuel-efficient vehicles, as defined below.

POLICY STATEMENT

In an effort to reduce the Town of Ipswich’s fuel consumption and energy costs, the Select Board and the School Committee hereby adopt a policy to purchase only fuel-efficient vehicles to meet this goal.

PURPOSE

To establish a requirement that the Town of Ipswich purchase only fuel efficient vehicles for municipal and local public school use whenever such vehicles are commercially available and practicable.

APPLICABILITY

This Policy applies to all divisions and departments of the Town of Ipswich.

DEFINITIONS

Combined city and highway MPG (EPA Combined fuel economy): Combined Fuel Economy means the fuel economy from driving a combination of 43 percent city and 57 Percent 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.

GUIDELINES

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

The Town of Ipswich will maintain an annual vehicle inventory for ALL vehicles and a plan for replacing any non-exempt vehicles with vehicles that meet, at a minimum, the fuel efficiency ratings contained in the most recent guidance for Criterion 4 published by the MA Department of Energy Resources’ Green Communities Division.

It is the responsibility of the Town of Ipswich to check the Green Communities Division’s Guidance for Criterion 4 for updates prior to ordering replacement vehicles.

Exemptions

Heavy-duty vehicles: 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 since 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 will be included in the vehicle inventory list (Attachment A), which shall be updated on an annual basis and provided to the Green Communities Division.

NOTE: Departments/Divisions may use EPA combined MPG estimates or actual combined MPG.
See attached Town of Ipswich Fleet Inventory Spreadsheet

Model	Make	Model Year	Year/month Purchased	Drive System: 2 WD, 4WD or AWD	> 8500 pounds? (Y or N)	Exempt or non-exempt	MPG Rating	Vehicle Function
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FUEL EFFICIENT VEHICLE REPLACEMENT PLAN

All non-exempt vehicles shall be replaced with fuel-efficient vehicles that adhere to the most recent Green Communities Criterion 4 Guidance. Vehicles shall be replaced when they are no longer operable and will not be recycled from one municipal department to another unless the recycled replacement vehicle meets the fuel efficiency ratings outlined in the Policy. In addition, when replacing exempt vehicles, the function of the vehicle will be reviewed for potential replacement with a more fuel-efficient vehicle, including a fuel-efficient non-exempt vehicle.

The Town of Ipswich will review on an annual basis the Vehicle Inventory, along with the Green Communities Criterion 4 Guidance, to plan for new acquisitions as part of planning for the new fiscal year budget.

QUESTIONS / ENFORCEMENT

All other inquiries should be directed to the department/division responsible for fleet management and/or fleet procurement. This Policy shall be enforced by the Town Manager and/or their designee(s).



TOWN OF IPSWICH

Select Board

25 Green Street
IPSWICH, MASSACHUSETTS 01938

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September 24, 2019

MA Department of Energy Resources
Green Communities Division
100 Cambridge Street – Suite 1040
Boston, MA 02114

To Whom It May Concern –

At a public Select Board meeting held on September 16, 2019, the Select Board voted to adopt the attached Fuel Efficiency Vehicle Policy.

Thank you.

William D. Whitmore
Chair, Select Board



Ipswich Public Schools

Dr. Brian J. Blake
Superintendent of Schools

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MA Department of Energy Resources
Green Communities Division
100 Cambridge Street- Suite 1040
Boston, MA 02114

September 19, 2019

Please be advised that the Ipswich Public Schools hereby adopted the attached Fuel Efficiency Vehicle Policy at the School Committee meeting on Thursday, May 2, 2019.

Sincerely,

Dr. Brian J. Blake
Superintendent of Schools

Make	Model	Model Year	Month/Year Purchased	Drive System: 2WD, 4WD, or AWD	> 8500 pounds? (Y or N or NA)	Exempt or Non-Exempt? (E or NE)	COMBINE D MPG Rating	Vehicle Function	Is this a new acquisition?	If new acquisition, what vehicle did it replace?	Removed from inventory?
Ford	Interceptor	2013				E					
Ford	F150 1/2 ton	2011	1/1/2011	4WD	N	NE	22				
John Deere	Backhoe/Loader	1993	1/1/1993	4WD	Y	E					
Ford	F550	2009	1/1/2009	4WD		E					
John Deere	4052R	2018	11/1/2018	4WD	N	E			Y	John Deere 970	
Chevy	250 3/4 ton	2005	1/1/2005	4WD	N	E					
Ford	F350	2016	1/1/2016	4WD	N	E					
Ford	F250	2017	1/1/2017	4WD	N	E					
Ford	E250 Pass. Van	2006				E					
Ford	E350 Pass. Van	2010				E					
Chevy	Bolt	2019	9/1/2019	2WD	N	NE	N/A	Conservation Agent	Y	Ford Police Interceptor	
Ford	Escape Hybrid	2009		AWD	N	NE	28	Electric Manager	N		
International DuraStar 4300	Lift Truck	2010		2WD	Y	E		Electric Distribution	N		
International DuraStar 4300	Lift Truck	2006		2WD	Y	E		Electric Distribution	N		
International DuraStar 4300	Kiley Digger	2008		2WD	Y	E		Electric Distribution	N	E24	
Chevy	Silverado 2500	2017		4WD	N	E		Electric Plowing and Operations	2017		
Ford	F350	2011		4WD	N	E		Electric Distribution	N		
International DuraStar 4300	Lift Truck	2015		2WD	Y	E		Electric Distribution	N		
Ford	F250	2014		2WD	N	E		Electric Power Plant and Substations	N	E27	
Chevy	Bolt	2019	9/1/2019	2WD	N	NE	N/A	commuting, training, public relations, courier	Y	WD61	
Ford	Interceptor	2013		AWD	N	NE	18				
Ford	Expedition	2017	1/1/2017	4WD	N	NE	17	Staff	Y	Chevy Tahoe	
Ford	Explorer	2015	9/1/2014	4WD	N	NE	18	Staff	Y	Lincoln Navigator	
Sutphen	Fire Truck	2003	11/1/2003	2WD	Y	E		Pumper			
E-One (E4)	Fire Truck	2018	1/1/2018	2WD	Y	E		Pumper	Y	KME Fire truck	
KME	Fire Truck	2014	5/1/2013	2WD	Y	E		Pumper			
E-One (E2)	Fire Truck	2018	1/1/2018	2WD	Y	E		Pumper	Y	Ford Attack Pumper	
John Deere	Gator	2006	12/1/2006	4WD	N	E		Searches			
Ford	Fire Truck	2007	10/1/2006	4WD	Y	E		Forestry Mini Pumper			
KME	Fire Truck	1998	11/1/1997	2WD	Y	E		Aerial - Ladder Truck			
Ford	F250	2006		4WD	N	NE	15	Pick Up			
Ford	Interceptor	2017		AWD	N	NE	18	Staff			
Peterbilt	Bucket Truck	2018	10/1/2018	4WD	Y	E		Tree pruning and removal work	Y	N	
International	Skyworker	2000	10/1/2000	4WD	Y	E		Emergency tree pruning or removal work	N	N	
Ford	F550	2008	10/1/2000	4WD	Y	E		Forestry brush chipping & Plowing	N	N	
Chevy	Bolt	2019	9/1/2019	2WD	N	NE	N/A	Health Agent	Y	Ford Police Interceptor	
Wacker Nuecon	Highway Truck	2018	10/1/2018			E		Sidewalk Plowing	Y	Holder Sidewalk Plow	
Ford	F350	2016	9/1/2017	4WD	Y	E		DPW Foreman	Y	Ford F250	
Alliance	MX450 Sweeper	2007	10/1/2007		Y	E		street sweeping	N	N	
Ford	F150	2008	8/1/2008	2WD	N	NE	21	Highway/Mechanic running parts	N	N	
Ford	F450	2012	10/1/2012	4WD	Y	E		Highway Maintenance & Plowing	N	N	
Ford	F750	2011	9/1/2019	4WD	Y	E		Highway Hauling/Plowing	N	N	
Ford	F450	2012	10/1/2012	4WD	Y	E		Highway Maintenance & Plowing	N	N	
Mack	GU432	2016	10/1/2016	4WD	Y	E		Highway Hauling/Plowing	Y	Ford F750	
Mack	GU712	2014	10/1/2019	4WD	Y	E		Highway Hauling/Plowing	Y	Ford L800 Dump	
Mack	GU712	2015	10/1/2019	4WD	Y	E		Highway Hauling/Plowing	Y	Mack R487P	
Ford	F750	2009	10/1/2019	4WD	Y	E		Highway Hauling/Plowing	N		

Ford	F750	2011	2/1/2012	4WD	Y	E	Permenant Mount Sander	Y	Ford F750
Ford	F250	2019	8/1/2019	4WD	Y	E	Highway Maintenance & Plowing	Y	Ford F250
Ford	F750	2009	9/1/2019	4WD	Y	E	Highway Hauling/Plowing	Y	Loader
Caterpillar	936E Loader	2013	9/1/2013	4WD	Y	E	Highway Loading	Y	
Peterbuilt	Snow Fighter	2007	10/1/2007	4WD	Y	E	Highway Hauling/Plowing	N	
Trackless	Sidewalk Plow	1994	10/1/1994	4WD	Y	E	Sidewalk Plowing	N	
Trackless	Sidewalk Plow	2013	10/1/2013	4WD	Y	E	Sidewalk Plowing	N	
Ford	F150	2010	8/1/2010	2WD	N	NE	21 DPW Director	N	
JCB	Backhoe/Loader	2007	10/1/2007		Y	E	Highway/Forestry Loading & Plowing	N	
Starcraft	E450 Superduty	2000	8/1/2018	4WD	Y	E	Transport Vehicle	N	
Caterpillar	Mini Excavator	2019	9/1/2019	4WD	Y	E	Excavating Work	N	
Ford	Tarus	2006	8/1/2006	2WD	N	NE	22 Mechanic Running Parts & Transport Vehicle	N	
Ford	Interceptor	2015				E			
Ford	F250	2005				E			
Ford	Interceptor	2015				E			
Ford	Tarus	2011				NE			
Dodge	Avenger	2008				E			
Ford	F250	2005				E			
Ford	Econ	2008				NE			
Ford	Interceptor	2017				E			
Ford	Interceptor	2017				E			
Ford	Interceptor	2019				E			
Ford	Interceptor	2014				E			
Ford	Police Truck					E			
Ford	Police Truck					E			
Ford	Interceptor	2016				E			
Ford	Interceptor	2016				E			
Ford	Interceptor	2015				E			
Ford	Interceptor	2015				E			
Ford	F250	2017				E			
Ford	Tarus	2011				NE			
Ford	F150	2017				NE			
Ford	Explorer	2019				E			
Hummer	H1	2005				E			
Ford	Interceptor	2019				E			
Starcraft	E450 Superduty	2000	8/1/2018	4WD	Y	E	Recreation Department / Transport Vehicle	N	
Bluebird	77 Pass. Bus	2007	7/1/2006		Y	E	Not on the Road		Y
Ford	Transit Van	2017	6/1/2017	FWD	N	E	SPED	N	N
Ford	F150	2004				NE	21 Not Used by school/don't know where it went	N	
Ford	Econoline 7D Van	2012	6/1/2012	RWD	Y	E	SPED	N	
GM	Thomas 29 Pass. Bus	2009	6/1/2009			E	SPED	N	Y
Thomas	20 Pass. Bus	2005				E	SPED	N	Y
Chevy	Exp/Cut Bus	2001				E	SPED	N	Y
Ford	Econo Van	2008	1/1/2008	RWD		E	SPED	N	
Ford	Transit Van	2014	10/1/2014	FWD	Y	E	EDP Van	N	
Ford	Connect XL Wagon	2014				E	SPED	N	
Ford	E450 Van	2014				E	Unknown	N	
Ford	Transit Van	2018	4/1/2018	Ltd Slip Rear axle	Y	E	SPED	N	
Ford	F250	2010				E			
Chevy	Silverado Hybrid	2006				E			
Chevy	Silverado 3500	2018		4WD	Y	E	Utilities Metering		2018
Ford	Escape Hybrid	2008				NE			
International	Durastar 4400	2017				E			

