

# Model Year 2019

## Alternative Fuel and Advanced Technology Vehicles

### Battery Electric Vehicles (BEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)	All-Electric Range (mi)
BEV	Audi	e-tron	SUV	141 kW and 172 kW electric motors; 240 Ah battery	73/74/74	204
BEV	BMW	i3	Sedan/Wagon	125 kW electric motor; 120 Ah battery	124/113/102	153
BEV	BMW	i3s	Sedan/Wagon	135 kW electric motor; 120 Ah battery	124/113/102	153
BEV	BYD Motors	e6	Sedan/Wagon	75 kW electric motor; 270 Ah battery	73/72/71	187
BEV	Chevrolet	Bolt EV	Sedan/Wagon	150 kW electric motor; 171 Ah battery	128/119/110	238
BEV	Fiat	500e	Sedan/Wagon	82 kW electric motor; 63 Ah battery	121/112/103	84
BEV	Ford	Transit Van/Wagon*	Van	160 kW electric motor; 86 kWh battery	N/A	120
BEV	Ford	Transit Van/Wagon*	Van	160 kW electric motor; 43 kWh battery	N/A	60
BEV	Honda	Clarity	Sedan/Wagon	120 kW electric motor; 82 Ah battery	126/114/103	89
BEV	Hyundai	Ioniq Electric	Sedan/Wagon	88 kW electric motor; 78 Ah battery	150/136/122	124
BEV	Hyundai	Kona Electric	SUV	150 kW electric motor; 180 Ah battery	132/120/108	258
BEV	Jaguar	I-PACE	SUV	147 kW electric motor; 223 Ah battery	80/76/72	239
BEV	Kia	Niro Electric	Sedan/Wagon	150 kW electric motor; 180 Ah battery	123/112/102	239
BEV	Kia	Soul	Sedan/Wagon	81 kW electric motor; 80 Ah battery	124/108/93	111
BEV	Nissan	Leaf (40 kWh battery pack)	Sedan/Wagon	110 kW electric motor; 115 Ah battery	124/112/99	150

## Battery Electric Vehicles (BEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)	All-Electric Range (mi)
BEV	Nissan	Leaf (62 kWh battery pack)	Sedan/Wagon	160 kW electric motor; 176 Ah battery	118/108/97	226
BEV	Nissan	Leaf SV/SL (62 kWh battery pack)	Sedan/Wagon	160 kW electric motor; 176 Ah battery	114/104/94	215
BEV	smart	EQ fortwo convertible	Sedan/Wagon	60 kW electric motor; 51 Ah battery	112/102/91	57
BEV	smart	EQ fortwo coupe	Sedan/Wagon	60 kW electric motor; 51 Ah battery	124/108/94	58
BEV	Tesla	Model 3 Long Range	Sedan/Wagon	211 kW electric motor; 230 Ah battery	136/130/123	310
BEV	Tesla	Model 3 Long Range AWD	Sedan/Wagon	147 kW and 188 kW electric motors; 230 Ah battery	120/116/112	310
BEV	Tesla	Model 3 Long Range AWD Performance	Sedan/Wagon	147 kW and 211 kW electric motors; 230 Ah battery	120/116/112	310
BEV	Tesla	Model 3 Mid Range	Sedan/Wagon	202 kW electric motor; 230 Ah battery	128/123/117	264
BEV	Tesla	Model 3 Standard Range	Sedan/Wagon	211 kW electric motor; 230 Ah battery	138/131/124	220
BEV	Tesla	Model 3 Standard Range Plus	Sedan/Wagon	211 kW electric motor; 230 Ah battery	140/133/124	240
BEV	Tesla	Model S 100D	Sedan/Wagon	193 kW electric motor (X2); 245 Ah battery	101/102/102	335
BEV	Tesla	Model S 75D	Sedan/Wagon	193 kW electric motor (X2); 245 Ah battery	102/103/105	259
BEV	Tesla	Model S Long Range	Sedan/Wagon	193 kW and 205 kW electric motor; 245 Ah battery	115/111/107	370
BEV	Tesla	Model S P100D	Sedan/Wagon	193 kW and 375 kW electric motor; 245 Ah battery	92/98/105	315
BEV	Tesla	Model S Performance (19" Wheels)	Sedan/Wagon	193 kW and 205 kW electric motor; 245 Ah battery	104/104/104	345
BEV	Tesla	Model S Standard Range	Sedan/Wagon	193 kW and 205 kW electric motor; 245 Ah battery	113/109/105	285

## Battery Electric Vehicles (BEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)	All-Electric Range (mi)
BEV	Tesla	Model X 100D	SUV	193 kW kW electric motor (X2); 250 Ah battery	86/87/89	295
BEV	Tesla	Model X 75D	SUV	193 kW electric motor (X2); 250 Ah battery	91/93/95	238
BEV	Tesla	Model X Long Range	SUV	193, 205, and 375 kW electric motors; 250 Ah battery	99/96/93	325
BEV	Tesla	Model X P100D	SUV	193 kW and 375 kW electric motor; 250 Ah battery	83/85/89	289
BEV	Tesla	Model X Performance (22" Wheels)	SUV	193, 205, and 375 kW electric motors; 250 Ah battery	80/79/77	270
BEV	Volkswagen	e-Golf	Sedan/Wagon	100 kW electric motor; 111 Ah battery	126/119/111	125

*\*This vehicle is available with an electric power train developed and installed by Lightning Systems, an approved qualified vehicle modifier (QVM). It is available for delivery through select Ford dealerships, without impacting OEM warranties or service agreements.*

## Biodiesel (B20) Vehicles

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Diesel, City/Combined/Highway (MPG)
B20	Chevrolet	Colorado 2WD	Pickup	2.8L I4	22/23/30
B20	Chevrolet	Colorado 4WD	Pickup	2.8L I4	19/22/28
B20	Chevrolet	Colorado ZR2 4WD	Pickup	2.8L I4	18/19/22
B20	Chevrolet	Cruze	Sedan/Wagon	1.6L I4	31/37/48
B20	Chevrolet	Cruze Hatchback	Sedan/Wagon	1.6L I4	30/35/45
B20	Chevrolet	Equinox AWD	SUV	1.6L I4	28/32/38
B20	Chevrolet	Equinox FWD	SUV	1.6L I4	28/32/39
B20	Ford	F-150 2WD	Pickup	3.0L V6	22/25/30
B20	Ford	F-150 4WD	Pickup	3.0L V6	20/22/25
B20	Ford	F-150 4WD XL/XLT	Pickup	3.0L V6	21/24/28
B20	Ford	Super Duty F-250 2WD/4WD	Pickup	6.7L V8	N/A
B20	Ford	Transit Connect Van/Wagon	Van	1.5L I4	N/A
B20	Ford	Transit Van/Wagon	Van	3.2L I5	N/A
B20	GMC	Canyon 2WD	Pickup	2.8L I4	20/23/30
B20	GMC	Canyon 4WD	Pickup	2.8L I4	19/22/28
B20	GMC	Terrain AWD	SUV	1.6L I4	28/32/38
B20	GMC	Terrain FWD	SUV	1.6L I4	28/32/39

## Biodiesel (B20) Vehicles

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Diesel, City/Combined/Highway (MPG)
B20	Jaguar	F-Pace	SUV	2.0L I4	26/29/33
B20	Jaguar	XE	Sedan/Wagon	2.0L I4	32/36/42
B20	Jaguar	XE AWD	Sedan/Wagon	2.0L I4	30/34/40
B20	Jaguar	XF	Sedan/Wagon	2.0L I4	31/35/42
B20	Jaguar	XF AWD	Sedan/Wagon	2.0L I4	30/34/40
B20	Land Rover	Range Rover Discovery	SUV	3.0L V6	21/23/26
B20	Land Rover	Range Rover Sport	SUV	3.0L V6	22/24/28
B20	Land Rover	Range Rover SVA	SUV	3.0L V6	22/24/28
B20	Land Rover	Range Rover Velar	SUV	2.0L I4	26/28/30

## Compressed Natural Gas Vehicles (CNG)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery
CNG	Chevrolet	Express 2500*	Van	6.0L V8
CNG	Chevrolet	Silverado 2500 HD 2WD/4WD*	Pickup	6.0L V8
CNG	Ford	F-150 2WD/4WD**	Pickup	5.0L V8
CNG	Ford	Super Duty F-250 2WD/4WD**	Pickup	6.2L V8
CNG	Ford	Transit Connect Van/Wagon**	Van	2.5L I4
CNG	GMC	Savana 2500*	Van	6.0L V8
CNG	GMC	Sierra 2500 HD 2WD/4WD*	Pickup	6.0L V8

\*GM offers a 6.0L "prep ready" engine for organizations wanting to convert this vehicle to natural gas operation.

\*\*Ford offers a "prep package" for this vehicle. An approved qualified vehicle modifier (QVM) can convert the vehicle to run on CNG for delivery through select Ford dealerships, without impacting OEM warranties or service agreements.

## Flexible Fuel Vehicles (FFV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)	Fuel Economy, E85, City/Combined/Highway (MPG)
FFV	Chevrolet	Impala	Sedan/Wagon	3.6L V6	18/22/28	14/16/20
FFV	Chevrolet	Silverado C10 2WD	Pickup	5.3L V8	15/17/20	11/13/15
FFV	Chevrolet	Silverado K10 4WD	Pickup	5.3L V8	15/16/19	11/12/14
FFV	Chevrolet	Suburban C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	Chevrolet	Suburban K1500 4WD	SUV	5.3L V8	14/16/21	11/12/16
FFV	Chevrolet	Tahoe C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	Chevrolet	Tahoe K1500 4WD	SUV	5.3L V8	15/17/21	11/13/16
FFV	Chrysler	300	Sedan/Wagon	3.6L V6	19/23/30	14/17/22
FFV	Chrysler	300 AWD	Sedan/Wagon	3.6L V6	18/21/27	13/16/20
FFV	Dodge	Charger	Sedan/Wagon	3.6L V6	19/23/30	14/17/22
FFV	Dodge	Grand Caravan	Van	3.6L V6	17/20/25	12/14/18
FFV	Dodge	Journey	SUV	3.6L V6	17/19/25	12/14/18
FFV	Ford	Escape FWD FFV	SUV	2.5L I4	21/24/29	15/18/22
FFV	Ford	Explorer 2WD FFV	SUV	3.5L V6	17/20/24	13/15/18
FFV	Ford	Explorer AWD FFV	SUV	3.5L V6	16/18/22	12/14/16
FFV	Ford	F-150 2WD FFV	Pickup	5.0L V8	17/19/23	12/13/17
FFV	Ford	F-150 2WD FFV	Pickup	3.3L V6	19/22/25	14/16/19

## Flexible Fuel Vehicles (FFV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)	Fuel Economy, E85, City/Combined/Highway (MPG)
FFV	Ford	F-150 4WD FFV	Pickup	3.3L V6	18/20/23	13/15/17
FFV	Ford	F-150 4WD FFV	Pickup	5.0L V8	16/18/22	12/13/15
FFV	Ford	Super Duty F-250	Pickup	6.2L V8	N/A	N/A
FFV	Ford	Taurus AWD FFV	Sedan/Wagon	3.5L V6	17/19/24	13/15/18
FFV	Ford	Taurus FWD FFV	Sedan/Wagon	3.5L V6	18/21/26	13/15/19
FFV	Ford	Transit Connect Van FFV*	Van	2.0L I4	24/25/27	18/19/20
FFV	Ford	Transit Connect Wagon FFV*	Van	2.0L I4	19/22/27	17/19/21
FFV	Ford	Transit T150 Wagon FFV**	Van	3.7L V6	14/15/18	10/11/13
FFV	GMC	Savana 2500	Van	6.0L V8	N/A	N/A
FFV	GMC	Sierra 2500 HD 2WD/4WD	Pickup	6.0L V8	N/A	N/A
FFV	GMC	Sierra K10 2WD	Pickup	5.3L V8	15/17/20	11/13/15
FFV	GMC	Sierra K10 4WD	Pickup	5.3L V8	15/16/19	11/12/14
FFV	GMC	Yukon C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	GMC	Yukon K1500 4WD	SUV	5.3L V8	15/17/21	11/13/16
FFV	GMC	Yukon K1500 XL 4WD	SUV	5.3L V8	14/16/21	11/12/16
FFV	GMC	Yukon XL C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	Mercedes-Benz	CLA 250 4Matic	Sedan/Wagon	2.0L I4	24/27/32	17/20/24



## Flexible Fuel Vehicles (FFV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)	Fuel Economy, E85, City/Combined/Highway (MPG)
FFV	Mercedes-Benz	GLA 250 4matic	SUV	2.0L I4	23/26/31	17/19/23
FFV	Nissan	Frontier 2WD FFV	Pickup	4.0L V6	16/18/22	11/13/16
FFV	Nissan	Frontier 4WD FFV	Pickup	4.0L V6	15/17/21	11/12/14
FFV	Ram	1500 Classic 2WD	Pickup	3.6L V6	17/20/25	12/14/17
FFV	Ram	1500 Classic 4WD	Pickup	3.6L V6	16/19/23	11/13/16
FFV	Toyota	Tundra 4WD FFV	Pickup	5.7L V8	13/15/17	9/10/12

*\*This vehicle is only available in certain states. See dealer for details.*

*\*\*Available for government order only.*

## Fuel Cell Vehicles (FCV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, Hydrogen, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)
FCV	Honda	Clarity	Sedan/Wagon	130 kW electric motor; 346 V Lithium Ion battery	68/68/67
FCV	Hyundai	Nexo	SUV	95 kw electric motor; 240 V Lithium Ion battery	59/57/54
FCV	Hyundai	Nexo Blue	SUV	95 kw electric motor; 240 V Lithium Ion battery	65/61/58
FCV	Toyota	Mirai	Sedan/Wagon	113 kW electric motor; 245 V Nickel-Metal Hydride battery	67/67/67

## Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Acura	MDX AWD	SUV	3.0L V6	26/27/27
HEV	Acura	NSX Hybrid	Sedan/Wagon	3.5L V6	21/21/22
HEV	Acura	RLX Hybrid	Sedan/Wagon	3.5L V6	28/28/29
HEV	Audi	A6 quattro	Sedan/Wagon	3.0L V6	22/25/29
HEV	Audi	A6 quattro	Sedan/Wagon	2.0L I4	24/27/32
HEV	Audi	A7 quattro	Sedan/Wagon	3.0L V6	22/25/29
HEV	Audi	A8L	Sedan/Wagon	4.0L V8	15/18/23
HEV	Audi	A8L	Sedan/Wagon	3.0L V6	19/22/27
HEV	Audi	Q8	Sedan/Wagon	3.0L V6	17/19/22
HEV	Buick	LaCrosse Hybrid	Sedan/Wagon	2.5L I4	25/29/35
HEV	Chevrolet	Malibu Hybrid	Sedan/Wagon	1.8L I4	49/46/43
HEV	Ford	Fusion Hybrid FWD	Sedan/Wagon	2.0L I4	43/42/41
HEV	Ford	Fusion Hybrid TAXI	Sedan/Wagon	2.0L I4	43/41/40
HEV	Ford	Super Duty F-250 2WD/4WD*	Pickup	6.2L V8; XL XLH hybrid drive system	N/A
HEV	Ford	Transit Van/Wagon*	Van	3.5L V6, 3.7L V6; XL XLH hybrid drive system	N/A
HEV	Honda	Accord Hybrid	Sedan/Wagon	2.0L I4	48/48/48
HEV	Honda	Insight	Sedan/Wagon	1.5L I4	55/52/49

## Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Honda	Insight Touring	Sedan/Wagon	1.5L I4	51/48/45
HEV	Hyundai	Ioniq	Sedan/Wagon	1.6L I4	55/55/54
HEV	Hyundai	Ioniq Blue	Sedan/Wagon	1.6L I4	57/58/59
HEV	Hyundai	Sonata Hybrid	Sedan/Wagon	2.0L I4	39/41/44
HEV	Hyundai	Sonata Hybrid SE	Sedan/Wagon	2.0L I4	40/42/46
HEV	Jeep	Wrangler 4x4	SUV	2.4L I4	23/24/25
HEV	Jeep	Wrangler Unlimited 4x4	SUV	2.4L I4	22/22/24
HEV	Kia	Niro	Sedan/Wagon	1.6L I4	51/49/46
HEV	Kia	Niro FE	Sedan/Wagon	1.6L I4	52/50/49
HEV	Kia	Niro Touring	Sedan/Wagon	1.6L I4	46/43/40
HEV	Kia	Optima Hybrid	Sedan/Wagon	2.0L I4	39/41/45
HEV	Land Rover	Range Rover Sport MHEV	SUV	3.0L V6	19/21/25
HEV	Lexus	ES 300h	Sedan/Wagon	2.5L I4	43/44/45
HEV	Lexus	LC 500h	Sedan/Wagon	3.5L V6	27/30/35
HEV	Lexus	LS 500h	Sedan/Wagon	3.5L V6	25/28/33
HEV	Lexus	LS 500h AWD	Sedan/Wagon	3.5L V6	23/26/31
HEV	Lexus	NX 300h AWD	SUV	2.5L I4	33/31/30

## Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Lexus	RX 450h AWD	SUV	3.5L V6	31/30/28
HEV	Lexus	RX 450h L AWD	SUV	3.5L V6	29/29/28
HEV	Lexus	UX 250h	Sedan/Wagon	2.0L I4	43/42/42
HEV	Lexus	UX 250h AWD	Sedan/Wagon	2.0L I4	41/39/38
HEV	Lincoln	MKZ Hybrid FWD	Sedan/Wagon	2.0L I4	42/41/39
HEV	Mercedes-Benz	AMG CLS53 4MATIC+	Sedan/Wagon	3.0L V6	21/23/27
HEV	Mercedes-Benz	AMG E53 4MATIC+	Sedan/Wagon	3.0L V6	21/24/28
HEV	Mercedes-Benz	AMG E53 4MATIC+ (Convertible)	Sedan/Wagon	3.0L V6	20/23/26
HEV	Mercedes-Benz	AMG E53 4MATIC+ (Coupe)	Sedan/Wagon	3.0L V6	21/23/28
HEV	Mercedes-Benz	AMG GT 53 4MATIC+	Sedan/Wagon	3.0L V6	19/21/24
HEV	Mercedes-Benz	CLS 450	Sedan/Wagon	3.0L V6	24/26/31
HEV	Mercedes-Benz	CLS 450 4MATIC	Sedan/Wagon	3.0L V6	23/26/30
HEV	Nissan	Rogue AWD Hybrid	SUV	2.0L I4	31/33/34
HEV	Nissan	Rogue FWD Hybrid	SUV	2.0L I4	33/34/35
HEV	Ram	1500 2WD	Pickup	3.6L V6	20/22/25
HEV	Ram	1500 2WD	Pickup	5.7L V8	17/19/23
HEV	Ram	1500 4WD	Pickup	5.7L V8	17/19/22

## Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Ram	1500 4WD	Pickup	3.6L V6	19/21/24
HEV	Ram	1500 HFE 2WD	Pickup	3.6L V6	20/23/26
HEV	Toyota	Avalon Hybrid	Sedan/Wagon	2.5L I4	43/43/43
HEV	Toyota	Avalon Hybrid XLE	Sedan/Wagon	2.5L I4	43/44/44
HEV	Toyota	Camry Hybrid LE	Sedan/Wagon	2.5L I4	51/52/53
HEV	Toyota	Camry Hybrid XLE/SE	Sedan/Wagon	2.5L I4	44/46/47
HEV	Toyota	Highlander Hybrid AWD	Sedan/Wagon	3.5L V6	29/28/27
HEV	Toyota	Highlander Hybrid AWD LE Plus	Sedan/Wagon	3.5L V6	30/29/28
HEV	Toyota	Prius	Sedan/Wagon	1.8L I4	54/52/50
HEV	Toyota	Prius AWD	Sedan/Wagon	1.8L I4	52/50/48
HEV	Toyota	Prius c	Sedan/Wagon	1.5L I4	48/46/43
HEV	Toyota	Prius Eco	Sedan/Wagon	1.8L I4	58/56/53
HEV	Toyota	RAV4 Hybrid AWD	SUV	2.5L I4	41/40/38

*\*This vehicle is available with a hybrid electric power train developed and installed by XL, an approved qualified vehicle modifier (QVM). It is available for delivery through select Ford dealerships, without impacting OEM warranties or service agreements.*

## Plug-in Hybrid Electric Vehicles (PHEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders; Electric Propulsion	Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)	Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†	All-Electric Range (mi)
PHEV (Parallel)	BMW	530e	Sedan/Wagon	2.0L I4; 83 kW electric motor	27/29/30	72	16
PHEV (Parallel)	BMW	530e xDrive	Sedan/Wagon	2.0L I4; 83 kW electric motor	27/28/31	67	15
PHEV (Parallel)	BMW	740e xDrive	Sedan/Wagon	2.0L I4; 83 kW electric motor	25/27/29	64	14
PHEV (Series)	BMW	i3s with Range Extender	Sedan/Wagon	0.6L I2; 135 kW electric motor	30/31/31	100	126
PHEV (Series)	BMW	i3 with Range Extender	Sedan/Wagon	0.6L I2; 125 kW electric motor	30/31/31	100	126
PHEV (Parallel)	BMW	i8 Coupe	Sedan/Wagon	1.5L I3; 96 kW electric motor	26/26/29	69	18
PHEV (Parallel)	BMW	i8 Roadster	Sedan/Wagon	1.5L I3; 96 kW electric motor	26/26/29	69	18
PHEV (Series)	Chevrolet	Volt	Sedan/Wagon	1.5L I4; 48 kW & 87 kW electric motor	43/42/42	110	53
PHEV (Parallel)	Chrysler	Pacifica Hybrid	Van	3.6L V6; 89 kW electric motor	29/30/30	82	32
PHEV (Parallel)	Ford	F-150*	Pickup	2.7L V6, 3.3L V6; XL XLP Plug-in Hybrid Electric System	N/A	N/A	N/A
PHEV (Parallel)	Ford	Fusion Energi Plug in Hybrid FWD	Sedan/Wagon	2.0L I4; 68 kW electric motor	43/42/40	103	26
PHEV (Parallel)	Ford	Fusion Special Service Vehicle PHEV	Sedan/Wagon	2.0L I4; 68 kW electric motor	43/42/40	102	26
PHEV (Parallel)	Ford	Super Duty F-250 2WD/4WD*	Pickup	6.2L V8; XL XLP Plug-in Hybrid Electric System	N/A	N/A	N/A
PHEV (Parallel)	Honda	Clarity PHEV	Sedan/Wagon	1.5L I4; 135 kW electric motor	44/42/40	110	48
PHEV (Parallel)	Hyundai	Ioniq Plug-in Hybrid	Sedan/Wagon	1.6L I4; 32 kW electric motor	53/52/52	119	29
PHEV (Series)	Karma	Revero	Sedan/Wagon	2.0L I4; 150 kW electric motors (x2)	19/20/21	N/A	37

## Plug-in Hybrid Electric Vehicles (PHEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders; Electric Propulsion	Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)	Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†	All-Electric Range (mi)
PHEV (Parallel)	Kia	Niro Plug-in Hybrid	Sedan/Wagon	1.6L I4; 32 kW electric motor	48/46/44	105	26
PHEV (Parallel)	Kia	Optima Plug-In Hybrid	Sedan/Wagon	2.0L I4; 50 kW electric motor	38/40/43	103	29
PHEV (Parallel)	Mercedes-Benz	GLC 350e 4MATIC	SUV	2.0L I4; 85 kW electric motor	24/25/27	56	10
PHEV (Parallel)	Mercedes-Benz	S 560e	SUV	3.0L I4; 90 kW electric motor	21/23/26	N/A	19
PHEV (Parallel)	Mini	Cooper SE Countryman ALL4	Sedan/Wagon	1.5L I3; 65 kW electric motor	28/27/27	65	12
PHEV (Parallel)	Mitsubishi	Outlander PHEV	SUV	2.0L I4; 60 kW electric motor	25/25/26	74	22
PHEV (Parallel)	Porsche	Cayenne e-Hybrid	SUV	3.0L V6; 99 kW electric motor	20/21/22	N/A	13
PHEV (Series)	Porsche	Panamera 4 e-Hybrid	Sedan/Wagon	2.9L V6; 70 kW electric motor	21/23/24	51	14
PHEV (Series)	Porsche	Panamera 4 e-Hybrid Executive	Sedan/Wagon	2.9L V6; 70 kW electric motor	21/23/24	51	14
PHEV (Series)	Porsche	Panamera 4 e-Hybrid ST	Sedan/Wagon	2.9L V6; 70 kW electric motor	21/23/24	51	14
PHEV (Series)	Porsche	Panamera Turbo S e-Hybrid	Sedan/Wagon	4.0L V8; 70 kW electric motor	19/20/22	48	14
PHEV (Series)	Porsche	Panamera Turbo S e-Hybrid Executive	Sedan/Wagon	4.0L V8; 70 kW electric motor	19/20/22	48	14
PHEV (Series)	Porsche	Panamera Turbo S e-Hybrid ST	Sedan/Wagon	4.0L V8; 70 kW electric motor	19/20/22	48	14
PHEV (Parallel)	Subaru	Crosstrek Hybrid AWD	SUV	2.0L I4; 88 kW electric motor	36/35/35	90	17
PHEV (Parallel)	Toyota	Prius Prime	Sedan/Wagon	1.8L I4; 23 & 53 kW electric motor	55/54/53	133	25
PHEV (Parallel)	Volvo	S60 AWD	Sedan/Wagon	2.0L I4; 34 & 65 kW electric motors	29/31/34	74	22



## Plug-in Hybrid Electric Vehicles (PHEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders; Electric Propulsion	Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)	Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe) <sup>†</sup>	All-Electric Range (mi)
PHEV (Parallel)	Volvo	S90 AWD	Sedan/Wagon	2.0L I4; 34 & 65 kW electric motors	26/29/33	71	21
PHEV (Parallel)	Volvo	XC60 AWD	SUV	2.0L I4; 34 & 65 kW electric motors	25/26/28	58	17
PHEV (Parallel)	Volvo	XC90 AWD	SUV	2.0L I4; 34 & 65 kW electric motors	24/25/27	58	17

<sup>†</sup>Values are for combined gasoline plus electric operation for "parallel" PHEVs, or electric-only operation for "series" PHEVs.

\*This vehicle is available with a plug-in hybrid electric power train developed and installed by XL, an approved qualified vehicle modifier (QVM). It is available for delivery through select Ford dealerships, without impacting OEM warranties or service agreements.

## Propane Vehicles

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders
Propane	Chevrolet	Express 2500*	Van	6.0L V8
Propane	Chevrolet	Silverado 2500 HD 2WD/4WD*	Pickup	6.0L V8
Propane	Ford	F-150**	Pickup	5.0L V8
Propane	Ford	Super Duty F-250 2WD/4WD**	Pickup	6.2L V8
Propane	Ford	Transit Van/Wagon**	Van	3.7L V6
Propane	GMC	Savana 2500*	Van	6.0L V8
Propane	GMC	Sierra 2500 HD 2WD/4WD*	Pickup	6.0L V8

\*GM offers a 6.0L "prep ready" engine for organizations wanting to convert this vehicle to propane operation.

\*\*Ford offers a "prep package" for this vehicle. An approved qualified vehicle modifier (QVM) can convert the vehicle to run on propane for delivery through select Ford dealerships, without impacting OEM warranties or service agreements.

NOTES

Some vehicles may not qualify for vehicle-acquisition credits under the U.S. DOE's EPAct State and Fuel Provider or Federal Fleet Management programs. Contact these programs about eligible vehicles.

For emissions certification requirements, refer to the EPA Green Vehicle Guide at [fuelconomy.gov/feg/download.shtml](https://fuelconomy.gov/feg/download.shtml).

