



# 2019 MODEL YEAR FLEX FUEL VEHICLE GUIDE

UNL88 is approved for use by the EPA  
for cars 2001 and newer.



MARKET DEVELOPMENT

[EthanolRetailer.com](http://EthanolRetailer.com)

[Unl88.com](http://Unl88.com)

[GrowthEnergy.org](http://GrowthEnergy.org)







The FFV system is available in each of the models listed below. FFVS are distinguished by a yellow flex fuel cap in 2008 and newer vehicle or a decal under the fuel door. Owners can also consult their owner's manual.

| GENERAL MOTORS Vehicle               | Engine | 2019 | '18 | '17 | '16 | '15 | '14 | '13 | '12 | '11 | '10 | '09 | '08 | '07 | '06 | '05 | '04 |
|--------------------------------------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Buick Lacrosse                       | 3.6L   |      |     |     | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |
| Buick Lucerne                        | 3.9L   |      |     |     |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |
| Buick Regal                          | 2.0L   |      |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |
| Buick Regal                          | 2.4L   |      |     |     |     |     |     |     | X   |     |     |     |     |     |     |     |     |
| Buick Terraza                        | 3.9L   |      |     |     |     |     |     |     |     |     |     |     |     |     | X   |     |     |
| Buick Verano                         | 2.4L   |      |     |     |     |     |     | X   | X   |     |     |     |     |     |     |     |     |
| Cadillac ATS                         | 3.6L   |      |     |     |     |     |     | X   |     |     |     |     |     |     |     |     |     |
| Cadillac Escalade EST                | 6.2L   |      |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |
| Cadillac Escalade ESV                | 6.2L   |      |     |     |     |     | X   | X   | X   | X   | X   | X   |     |     |     |     |     |
| Cadillac Escalade EXT                | 6.2L   |      |     |     |     |     |     |     |     |     | X   | X   |     |     |     |     |     |
| Cadillac SRX                         | 3.6L   |      |     |     |     |     |     | X   | X   |     |     |     |     |     |     |     |     |
| Chevrolet Avalanche                  | 4.8L   |      |     |     |     |     |     |     |     |     |     | X   |     |     |     |     |     |
| Chevrolet Avalanche                  | 5.3L   |      |     |     |     |     |     | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Chevrolet Avalanche                  | 6.2L   |      |     |     |     |     |     |     |     |     | X   | X   |     |     |     |     |     |
| Chevrolet Caprice Police             | 3.6L   |      |     | X   | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |
| Chevrolet Caprice Police             | 6.0L   |      |     | X   | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |
| Chevrolet Captiva                    | 2.4L   |      |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |     |     |
| Chevrolet Equinox                    | 2.4L   |      |     | X   | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |
| Chevrolet Equinox                    | 3.0L   |      |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |
| Chevrolet Equinox                    | 3.6L   |      |     |     |     |     |     | X   |     |     |     |     |     |     |     |     |     |
| Chevrolet Express                    | 4.8L   |      |     |     |     |     |     | X   | X   | X   | X   |     |     |     |     |     |     |
| Chevrolet Express                    | 5.3L   |      |     |     |     |     | X   | X   | X   | X   | X   | X   | X   | X   | X   |     |     |
| Chevrolet Express                    | 6.0L   | X    | X   |     |     | X   | X   | X   | X   | X   | X   |     |     |     |     |     |     |
| Chevrolet HHR                        | 2.2L   |      |     |     |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |
| Chevrolet HHR                        | 2.4L   |      |     |     |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |
| Chevrolet Impala                     | 3.5L   |      |     |     |     |     |     |     |     | X   | X   | X   | X   | X   | X   | X   | X   |
| Chevrolet Impala                     | 3.6L   | X    | X   | X   | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |
| Chevrolet Impala                     | 3.9L   |      |     |     |     |     |     |     |     | X   | X   | X   | X   |     |     |     |     |
| Chevrolet Impala (police package)    | 3.5L   |      |     |     |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |
| Chevrolet Impala Limited             | 3.6L   |      |     |     | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |
| Chevrolet Malibu                     | 2.4L   |      |     |     |     |     |     |     | X   | X   |     |     |     |     |     |     |     |
| Chevrolet Malibu                     | 3.5L   |      |     |     |     |     |     |     |     | X   |     |     |     |     |     |     |     |
| Chevrolet Monte Carlo                | 3.5L   |      |     |     |     |     |     |     |     |     |     |     |     |     | X   | X   |     |
| Chevrolet Silverado                  | 4.3L   | X    | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |
| Chevrolet Silverado                  | 6.0L   | X    | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |     |
| Chevrolet Silverado 15               | 4.3L   |      |     |     |     |     | X   |     |     |     |     |     |     |     |     |     |     |
| Chevrolet Silverado 25, 35           | 6.0L   |      |     |     |     |     | X   |     |     |     |     |     |     |     |     |     |     |
| Chevrolet Silverado pickup 2WD & 4WD | 4.8L   |      |     |     |     |     |     | X   | X   | X   | X   |     |     |     |     |     |     |
| Chevrolet Silverado pickup 2WD & 4WD | 5.3L   | X    | X   | X   | X   |     | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Chevrolet Silverado pickup 2WD & 4WD | 6.2L   |      |     |     |     |     |     | X   | X   | X   | X   |     |     |     |     |     |     |
| Chevrolet Silverado HD               | 6.0L   |      |     |     | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |
| Chevrolet Suburban                   | 5.3L   | X    | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Chevrolet Tahoe                      | 6.2L   |      |     |     |     |     |     |     |     |     | X   | X   |     |     |     |     |     |
| Chevrolet Tahoe (police package)     | 5.3L   | X    | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Chevrolet Uplander                   | 3.9L   |      |     |     |     |     |     |     |     |     |     |     | X   | X   |     |     |     |
| GMC Savana                           | 4.8L   |      |     |     |     |     |     | X   | X   | X   | X   |     |     |     |     |     |     |
| GMC Savana                           | 5.3L   |      |     |     |     |     | X   | X   | X   | X   | X   | X   | X   | X   |     |     |     |
| GMC Savana                           | 6.0L   | X    | X   | X   | X   | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |
| GMC Savana HD                        | 6.0L   | X    | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |     |     |
| GMC Sierra                           | 4.3L   | X    | X   | X   | X   |     | X   |     |     |     |     |     |     |     |     |     |     |
| GMC Sierra                           | 4.8L   |      |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |
| GMC Sierra                           | 5.3L   | X    | X   | X   | X   |     | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| GMC Sierra                           | 6.2L   |      |     |     |     |     |     | X   | X   | X   | X   |     |     |     |     |     |     |
| GMC Sierra 25, 35                    | 6.0L   |      |     |     |     | X   |     |     |     |     |     |     |     |     |     |     |     |
| GMC Sierra HD                        | 6.0L   | X    | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |
| GMC Terrain                          | 2.4L   |      |     | X   | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |
| GMC Terrain                          | 3.0L   |      |     |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |
| GMC Terrain                          | 3.6L   |      |     |     |     |     | X   |     |     |     |     |     |     |     |     |     |     |
| GMC Yukon                            | 5.3L   | X    | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| GMC Yukon                            | 6.2L   |      |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |     |
| GMC Yukon XL                         | 5.3L   | X    | X   | X   | X   |     | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| GMC Yukon XL                         | 6.2L   |      |     |     |     |     | X   | X   | X   | X   | X   |     |     |     |     |     |     |
| GMC Yukon Denali / XL                | 6.2L   |      |     |     |     |     |     |     |     | X   | X   |     |     |     |     |     |     |
| Hummer H2 SUT / SUV                  | 6.2L   |      |     |     |     |     |     |     |     | X   | X   |     |     |     |     |     |     |
| Pontiac Montana                      | 3.9L   |      |     |     |     |     |     |     |     |     | X   | X   | X   |     |     |     |     |
| Saturn Relay                         | 3.9L   |      |     |     |     |     |     |     |     |     |     |     |     | X   |     |     |     |



| HYUNDAI Vehicle | Engine | 2015 |
|-----------------|--------|------|
| Hyundai Sonata  | 2.4L   | X    |



The FFV system is available in each of the Jaguar Land Rover models below. You can also check your owner's manual, the fuel door or fuel cap to see if your vehicle is E85 compatible

| JAGUAR Vehicle     | Engine | 2015 |
|--------------------|--------|------|
| Jaguar XF, XJ, XJL | 5.0L   | X    |
| Jaguar XJ, XJL     | 3.0L   | X    |



The FFV system is available in the Mazda model listed below. However, FFV models have the character below in the vehicle identification number and a decal under the fuel door indicating E85 use is allowed.

| MAZDA Vehicle      | Engine | '11 | '03 | '02 | 8th Char. in VIN |
|--------------------|--------|-----|-----|-----|------------------|
| Mazda B3000 pickup | 3.0L   |     | X   | X   | V                |
| Mazda Tribute      | 3.0L   | X   |     |     | 6                |

**NISSAN** The FFV system is available in the Nissan models below. Check your owner's manual, the fuel door or cap to see if your vehicle is E85 compatible.

| NISSAN Vehicle  | Engine | 2019 | '18 | '17 | '16 | '15 | '14 | '13 | '12 | '11 | '10 | '09 | '08 | '07 | '06 | '05 |
|-----------------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Nissan Armada   | 5.6L   |      |     |     |     | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |     |
| Nissan Frontier | 4.0L   | X    | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Nissan Titan    | 5.6L   |      |     |     |     | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |     |



**Mercedes-Benz** All Mercedes-Benz models listed in years below are E85 compatible.

| Mercedes Benz Vehicle             | Engine | 2019 | '18 | '17 | '16 | '15 | '14 | '13 | '12 | '11 | '10 | '09 | '08 | '07 | '06 | '05 | '04 | '03 |
|-----------------------------------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C230 Sedan                        | 2.5L   |      |     |     |     |     |     |     |     |     |     |     |     |     | X   |     |     |     |
| C240 Luxury Sedan / Wagon         | 2.6L   |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     | X   |     |
| C300 4Matic Sedan                 | 3.5L   |      |     |     |     |     | X   | X   |     |     |     |     |     |     |     |     |     |     |
| C300 Luxury / Sport               | 3.0L   |      |     |     |     |     |     |     | X   | X   | X   | X   | X   |     |     |     |     |     |
| C320 Sedan / Sport Sedan / Wagon  | 3.2L   |      |     |     |     |     |     |     |     |     |     |     |     |     |     | X   | X   | X   |
| C350 Sedan                        | 3.5L   |      |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |     |     |
| CLA250 4Matic                     | 2.0L   | X    | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |     |     |
| E350                              | 3.5L   |      |     | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |     |     |
| E350 4Matic / Sedan / Convertible | 3.5L   |      |     |     |     |     | X   | X   |     |     |     |     |     |     |     |     |     |     |
| E350 Coupe                        | 3.5L   |      |     |     |     |     | X   | X   | X   |     |     |     |     |     |     |     |     |     |
| GLA250 4Matic                     | 2.0L   | X    | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |     |     |
| GLE350 4Matic                     | 3.5L   |      | X   | X   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| ML 350 4Matic                     | 3.5L   |      |     |     | X   | X   |     |     |     |     |     |     |     |     |     |     |     |     |
| ML350 SUV                         | 3.5L   |      |     |     | X   | X   | X   | X   |     |     |     |     |     |     |     |     |     |     |



| TOYOTA Vehicle               | Engine | 2019 | '18 | '17 | '16 | '15 | '14 | '13 | '12 | '11 | '10 | '09 |
|------------------------------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Sequoia Limited              | 5.7L   |      | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Tundra Reg. Cab              | 5.7L   | X    |     |     |     | X   | X   | X   | X   | X   | X   | X   |
| Tundra Reg. Cab Long Bed     | 5.7L   |      |     |     | X   | X   | X   | X   | X   | X   | X   | X   |
| Tundra Dbl. Cab              | 5.7L   |      |     |     | X   | X   | X   | X   | X   | X   | X   | X   |
| Tundra Dbl. Cab Limited      | 5.7L   |      | X   | X   | X   | X   | X   | X   | X   | X   | X   | X   |
| Tundra Dbl. Cab SR5          | 5.7L   |      | X   | X   | X   |     |     |     |     |     |     |     |
| Tundra CrewMax SR5           | 5.7L   |      | X   | X   | X   |     |     |     |     |     |     | X   |
| Tundra CrewMax Limited       | 5.7L   |      | X   | X   | X   | X   | X   | X   |     |     |     | X   |
| Tundra CrewMax Platinum/1794 | 5.7L   |      | X   | X   | X   |     |     |     |     |     |     | X   |
| Tundra Dbl. Cab Limited      | 5.7L   |      | X   | X   | X   | X   | X   | X   |     |     |     | X   |
| Tundra CrewMax Long Bed      | 5.7L   |      |     |     | X   | X   | X   | X   |     |     |     | X   |
| Tundra Dbl. Cab Long Bed     | 5.7L   |      |     |     | X   | X   | X   | X   |     |     |     | X   |
| Tundra SR5                   | 5.7L   |      | X   | X   | X   |     |     |     |     |     |     | X   |



The FFV system is available in each of the Volkswagen models below. You can also check your owner's manual, the fuel door or fuel cap to see if your vehicle is E85 compatible.

| Volkswagon Vehicle                               | Engine | '17 | '16 | '15 | '14 | '13 | '12 |
|--|--------|-----|-----|-----|-----|-----|-----|
| Audi A4 Quattro Automatic                        | 2.0L   |     | X   | X   | X   | X   | X   |
| Audi A5 Quattro / A5 Cabriolet Quattro Automatic | 2.0L   | X   | X   | X   | X   | X   | X   |
| Audi Allroad Quattro Wagon Automatic             | 2.0L   |     | X   | X   | X   | X   | X   |
| Audi Q5 Sports Utility                           | 2.0L   | X   | X   | X   | X   | X   | X   |
| Bentley Continental Flying Spur Sedan            | 6.0L   | X   | X   | X   | X   | X   | X   |
| Bentley Continental Convertible                  | 6.0L   | X   | X   | X   | X   | X   | X   |
| Bentley Continental GT Coupe                     | 6.0L   | X   | X   | X   | X   | X   | X   |
| Bentley Continental GT Convertible               | 6.0L   | X   | X   | X   | X   | X   | X   |
| Bentley Continental Super Sport Convertible      | 6.0L   |     |     |     |     |     | X   |
| Volkswagon Routan                                | 3.6L   |     |     |     |     | X   | X   |