

E10 safety assurance

For BMW customers, there will be no changes as a result of the introduction of the new E10 fuels. E10 is the classification for petrol fuels with an ethanol content of up to 10%, which German legislation plans to introduce as part of the implementation of the new EU FQD (Fuels Quality Directive 2009/30).

Fuels with a biogenic component will then be able to contribute to a welcome further reduction in CO₂ emissions without the need for any vehicle upgrade.

E10 fuels can safely be used in all BMW passenger cars from any model year. Irrespective of the ethanol content, however, the minimum octane rating as specified in the user manual must be observed as before, since some older BMW models require Super Plus RON 98 to reduce knock (see table below).

With reference to MINI and Rolls-Royce automobiles, the BMW Group can only comment on the models that came onto the market under the umbrella of the BMW Group. This applies to all MINI models from the year 2000 and all Rolls-Royce automobiles from 2003, the launch year of the current Phantom model. E10 can likewise be safely used in these vehicles.

The following BMW passenger car models, for which the manuals explicitly demand 98-octane fuel, should run on Super Plus (E DIN 51626-1, issue date April 2010), as before:

Baujahr	Modelle	TSN
1960-1964	700s, 700cs	310, 311
1968-1977	2500, 2600, 2800, 2.8i, 3.0i, 3.0s, 3.0si, 3.3i, 3.3li	329, 357, 358, 370, 371, 378, 383, 384, 389, 390
1968-1975	2800cs, 2.5cs, 3.0cs, 3.0csi, 3.0csl	359, 363, 364, 380
1966-1975	2000tii, 2002ti, 2002tii, 2002turbo	332, 360, 361, 369, 377
1962-1974	1600GT, 1600ti, 1800ti, 1800tisa	321, 323, 326, 338, 341
1972-1981	518 (92kW), 520, 525, 528, 520i, 525i, 528i, M5 535i	373-375, 379, 382, 391, 394, 395, 401-403, 410, 415, 419
1965-1970	2000cs (88kW), 2000tilux	315, 337
1975-1983	315, 318i, 320i, 323i	388, 405, 416-418, 437
1978-1983	316	385
1976-1983	320	404
1977-1986	728, 730, 728i, 733i, 735i (145/160kW), 745i	397-399, 412-414, 432, 444
1976-1989	625cs, 628csi, 630cs, 633csi, 635csi (160kW)	392, 393, 406-409, 411, 424, 425, 446, 467
1978-1984	M 635csi (210kW)	434
1978-1980	M1	301
1981-1987	518, 518i, 520i, 525e (92/95kW), 525i, 528i, M 535i (141/160kW)	420-423, 430, 435, 436, 442, 450, 451
1982-1994	318i (77kW), 320i (92kW), 323i, 325e (95kW), M3	302, 303, 305, 427-429, 433, 459
1982-1987	316	426, 500
1982-1987	320i (95kW)	452, 453, 477, 502
1982-1987	325i (126kW)	448, 449, 454
1952-1969	Dixi, Goggo, 309, 501 bis 507, 602, 3200, Alpina B10	300, 302, 303, 305, 307, 316, 320, 327, 328, 330, 331, 333-335, 345-351

In summary, on the basis of the KBA BMW Group inventory on 31.12.2007, around 32,000 petrol passenger cars (equivalent to approx. 1.2% of the total holdings of BMW Group passenger cars) have been recorded which will continue to run on Super Plus fuel (and not only when E10 fuels are introduced).

This means there will be no changes for BMW Group passenger car owners when the new fuels are introduced.