5th June 2019

Fuel economy and CO2 figures announced for revolutionary Mazda Skyactiv-X engine

* The world’s first commercial petrol engine combining spark and compression ignition.
* Skyactiv-X produces180ps and 224Nm, with economy/CO2 from 52.3mpg Combined and 96g/km\*.
* The All-New Mazda3 with Skyactiv-X will go on sale in the UK later this year.

Making its debut in the All-New Mazda3, Mazda’s ground-breaking Skyactiv-X engine will go on sale in the autumn. Featuring Mazda’s unique Spark Plug Controlled Compression Ignition (SPCCI) technology, the 2.0 litre, four-cylinder Skyactiv-X engine is the world’s first commercial petrol unit to combine the spark ignition of a petrol engine with the compression ignition of a diesel.

Providing drivers with the free-revving performance of a petrol engine and the superior response of a diesel, the Skyactiv-X engine will have a maximum power output of 180PS and 224Nm of torque. Skyactiv-X achieves outstanding, WLTP-measured fuel economy of up to 52.3mpg and produces CO2 emissions from just 96g/km\* – depending on transmission and wheel size.

The All-New Mazda3 Skyactiv-X is also equipped with Mazda M Hybrid technology, fitted as standard. The intelligent 24V mild-hybrid system minimises fuel consumption, increasing fuel economy and lowering emissions by recycling energy recovered during deceleration that powers an electric motor that assists the engine.

The All-New Mazda3 Skyactiv-X engine will be available on both the hatchback and saloon models later this year, with a choice of six-speed Skyactiv-MT manual or six-speed Skyactiv-Drive automatic transmissions. The Mazda i-Activ all-wheel-drive system will be available on the All-New Mazda3 Skyactiv-X Hatchback. Full UK specification and pricing details of the All-New Mazda3 Skyactiv-X will be announced next month.

For more detailed information on the Skyactiv-X engine: https://www.insidemazda.co.uk/2018/06/15/skyactiv-x-with-spark-controlled-compression-ignition-spcci/

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| **Mazda Skyactiv-X PS)** |
| Max. power | (PS)/rpm | 180/6,000rpm |
| Max. torque | Nm/rpm | 224/3,000rpm |
| **WLTP fuel consumption[[1]](#footnote-1): All-New Mazda3 Skyactiv-X (**180 **PS)** 16-inch wheels 18-inch wheels |
| Combined | MPG |   | 52.3-45.6mpg | 50.4-40.9mpg |
| Extra-High | MPG |  | 50.4-43.4mpg | 48.7-39.7mpg |
| High | MPG  |  | 61.4-53.3mpg | 57.6-47.9mpg |
| Medium | MPG  |  | 54.3-48.7mpg | 52.3-43.4mpg |
| Low | MPG  |  | 42.8-35.3mpg | 40.3-30.4mpg |
| CO2 emissions (combined) | g/km |  | 96-119g/km\* | 102-125g/km\* |

- Ends -

Further press information is available at [www.mazda-press.co.uk](http://www.mazda-press.co.uk)

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*For further information please contact one of the following:*

Graeme Fudge, PR Director | T: 01322 622 691 | E-mail: gfudge@mazdaeur.com

Owen Mildenhall, PR Manager | T: 01322 622 713 | Email: omildenhall@mazdaeur.com

Martine Varrall, Press Officer | T: 01322 622 776 | Email: mvarrall@mazdaeur.com

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1. Vehicles are homologated in accordance with the type approval procedure WLTP (Regulation (EU) 1151 / 2017; Regulation (EU) 2007/715).

\*NEDC converted figures [↑](#footnote-ref-1)