

ELK-Test Report

COTY elk-test at Sindal Airport
Tuesday, September 26, 2023
From 9.00 until 12.00. 22 cars.

Sunny and dry 3-5 m/s and temp 14-17 °C.

Running order:

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Lucid Air Touring

Tyre: Pirelli p Zero
245/35 R21 (front), 265/35 R21

(Driving mode: Smooth)

Speed in km/h

50

55

62 Really fast steering and good grip. The driver can take a coffee break in between the turns.

67 Same behavior. No problems at all.

68 Perfect. Nothing to add.

77 ESP does its job very efficiently. The car is easy to control. ^[L]_[SEP]79 Now it's getting close. Hard to get back in line in time, but clears.

83 Really good, quick steering and good ESP-system. A new record!?

89 Ok, this is too fast, understeers too much and hits the cones.

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Fisker Ocean One Edition

Tyre: Bridgestone Potenza
255/45 R22

Speed in km/h

50

55

59 Heavy brake regeneration makes the car slow down significantly.

66 ESP active in the right turn. Some body roll, but makes it safely.

71 Heavy intervention from the ESP makes the car clear the track. But it is with a small margin, the car feels soft.

73. Understeers out of the track.

75 The car is too soft and understeers heavily. No chance.

[L]
[SEP] (Additional note: The driver - Jan-Erik Berggren can't exit the car. The door on the driver side will not open)

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Fiat 600e La Prima

Tyre: Goodyear Efficiency Grip

215/55 R18

Speed in km/h

50

55

59 Soft but safe. No feeling of ESP.

65 The car feels soft and understeers, no feeling of ESP.

70 Now the ESP works, and very efficiently. Some understeering, but the car makes it through without hitting any cones.

75 This time the car understeers out of the track, but in a safe and controlled manner.

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Hyundai Kona Electric 65,4 kWh

Tyre: Nexen NFepa

235/45 R19

Speed in km/h

50

55

60 Feels soft and with some body roll but no problems.

65 The ESP is active, some understeering but we make it without hitting any cones.

69 Again, som understeering, but the car makes it.

74 This is too fast. Heavy body roll and the driver can't control the car. Understeers out of the track.

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Hyundai Kona 1,6 T-GDI Hybrid 2WD

Tyre: Kumho ECSTA

215/45 R19

Speed in km/h

50

55

60

65 Some body roll and understeering. Feels similar to the electric version.

71 Clears the track thanks to ESP intervention which makes the car slow down.

76 Understeers out of the track. The ICE and BEV versions feels very similar during the evasive maneuvers.

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Honda e:NY1 Advance

Tyre: Continental UltraContact

225/50 R18

Speed in km/h

50

55

62 The car feels soft and there's no feeling of ESP.

64 Same at this speed, no ESP, but no problems through the course.

69 Again, the same behavior here. The steering is quick and responsive.

75 At this speed we have some understeering, but we make it through without hitting any of the cones. The car feels easy to control.

82 This is too fast and the car understeers out of the track. Generally a safe behavior.

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Honda ZR-V e:HEV Advance

Tyre: Dunlop Sp Sport Maxx

225/55 R18

Speed in km/h

50

55

60 Heavy body roll but makes it.

66 The ESP is making heavy corrections.
70 Again quite heavy ESP intervention, but no interference when it comes to the steering. The system works well.
75 This is too fast, and the car understeers tot of the track.

///

Nio ET5 100 kWh

Tyre: Pirelli P Zero
245/40 R20

Speed in km/h

50

55

60 No problems at all.

62 Same here, no problems.

68 It's almost as the steering is too fast. No problems.

71 Some problems with the steering, hard to control the amount of steering wheel input.

75 Clears the track, the chassis feels good.

76 Hits one cone with the rear, heavy brake regeneration.

78 Clears the track nicely when the driver adjusts to the steering behavior.

84 This is too fast and the car understeers out of the track.

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Nio ET5 Touring 100 kWh

Tyre: Michelin e-Primacy
245/45 R19

Speed in km/h

50

55

60

64 Easy and safe.

69 Light understeer med safe behavior. [LSEP]72 The driver feels that the steering is more consistent compared to the non Touring version of the ET5. [LSEP]77 Clears the track and feels easy to control and drive. Some light understeer, and minimal ESP intervention.

79 Now the speed is too high and we understeer out of the track.

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BYD Seal Excellence AWD

Tyre: Continental EcoContact 6
235/45 R19

Speed in km/h

50

55

64 Easy with no problems at all.

69 Some understeering and some intervention from ESP. The system works well. [ESP]

75 Too much understeering and we can't make it back from the turn.

74 It's close but the car does not quite make it. Would be good if the ESP would slow the car down some more.

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Hyundai Ioniq 6 AWD 77 kWh

Tyre: Pirelli P Zero
245/40 R20

Speed in km/h

50

55

66 Heavy brake regeneration and the car slows down. No problems at all.

71 No problems, and no clear feeling of ESP. Brake regeneration set at level 1.

74 Now the ESP is clearly active. Almost no body roll at all. Feels safe.

81 At this speed we understeer out of the track.

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Toyota Prius 2,0 PHEV High+

Tyre: Yokohama BluEarth-GT
195/50 R19

Speed in km/h

50

55

60 Calm and safe.

66 Safe again, some understeering but no ESP.

71 The tendency to understeer is more noticeable. Still no ESP and the car is

easy to control.

75 At this speed the ESP kicks in and the car clears the track.

80 Now the understeering is too heavy and we hit the cones. Generally a safe behavior.

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Toyota C-HR 2,0 PHEV High Premier Edition

Tyre: Bridgestone Turanza

225/50 R19

Speed in km/h

50

55

60

66 More body roll than in the Prius and ESP active at lower speeds. Feels higher and a bit more unstable.

70 The ESP system brakes heavily and we lose grip and hit some cones.

70 New attempt, this time the ESP works better and the car clears the track, but the car feels difficult to control and not consistent in its behavior.

75 Too fast - understeers out of the track.

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Nio EL6 100 kWh

Tyre: Goodyear Eagle F1

255/50 R20

Speed in km/h

50

55

58 No problems at all. Some body roll, but no intervention from ESP.

66 System breaking front left tyre. Soft, but full control. [L]70 ESP active, the car slides and understeers, but clears the track. [SEP]

[L]75 Clears! But with a very small margin. Soft, and ESP active. [SEP]

[L]79 Too fast, understeers out of the course.

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Renault Scenic Esprit Alpine

Tyre: Michelin e-Primacy

235/45 R20

Speed in km/h

50

55

63 Very quick steering, ESP clearly active. Almost no body roll at all.

65 Again very quick steering. Safe and effortless. Brake regeneration at level 2.

73 The rear end slides out and hits the last cone.

77 No, this is too fast and we understeer out of the track. The car feels somewhat inconsistent in its behavior.

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Honda CR-V Advance Tech

Tyre: Michelin Primacy 3

235/60 R18

Speed in km/h

50

55

62 Soft feeling and some understeer.

67 ESP clearly active. Better at this speed than at 62.

70 The ESP brakes heavily. The car feels heavy.

76 Clears!

79 Hits some cones. The car feels heavy but an efficient ESP saves the day, and the results are good.

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BMW i5 eDrive40

Tyre: Continental EcoContact 6

255/35 R21 (front), 285/30 R21

Speed in km/h

50

55

60

65 Superfast steering, almost too fast. supersnabb styrning.

68 Easy, no problems.

76 No feeling of ESP and we hit two cones.

75 No time to get back in time for the next turn. Understeers. One more try:

73 Clears with no problems. Comment: You have to be very soft in the steering. Steer too quickly and the front wheel loses grip and the car understeers off the track.

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Nio ET7 100 kWh

Tyre: Pirelli P Zero
255/40 R21

Speed in km/h

50

55

62 Very easy.

66 No ESP, brake regeneration breaks the speed down significantly.

72 Some body roll, no ESP but clears the track nicely.

75 Some understeer, but drives very well. Safe and easy to control.

79 This is over the limit, too much understeer.

80 Same result again.

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Ford Bronco Outer Banks 2,7 V6 AWD

Tyre: Bridgestone Duelers A/T
255/70 R18

Speed in km/h

50

57 Heavy body roll and understeering. Quick steering, feels like the car is going to roll over.

63 Again, very heavy body roll, ESP active. The car is soft and a bit scary.

66 Clears the track! But with screaming passengers.

71 The car understeers out of the track.

76. Bounces and skids and understeers. Scary.

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Jeep Grand Cherokee 4Xe Summit Reverse

Tyre: Pirelli P Zero
275/45 R21

Speed in km/h

50

58 No problems, and not nearly as much body roll as in the Ford Bronco.

67 Very active ESP, but no interference on the steering wheel. Very good.

71 ESP active and efficient, good control.

76 This is too fast and we understeer out of the track.

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Kia EV-9 GT-Line 7 seater

Tyre: Continental PremiumContact

285/45 R22

Speed in km/h

50

55

60 Very quick steering. No feeling of ESP.

65 Soft feeling, some body roll but quick steering. ESP active.

69 Understeers out of the track. The driver can't get the car back on track after evasive maneuver number one.

72 Again, understeers out of the track.

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Renault Espace E-Tech 200 Iconic 7 seat

Tyre: Michelin Primacy 4

235/45 R20

Speed in km/h

50

55

60 No problems.

62 Starts to slide, no clear feeling of ESP.

68 Clear and early active ESP. Ends with a slight skid but clears.

72 The car that skids the most today, and we hit a cone with the rear of the car.

76 This is over the limit, and the cones gets a beating.