

²
COOLING
FAN

¹
COOLING
FAN

CVVL

BLOWER

| | | | | | |
|-----------------------------|--------------------|------------------------------|--------------|---------------------|--------------------|
| ² VACUUM PUMP | ³ ECU | ² POWER OUTLET | HORN | WIPER | ² SPARE |
| 10A | 10A | 20A | 20A | 30A | 15A |
| ² TCU | ³ ABS | ² POWER OUTLET | BUP LAMP | ¹ SENSOR | IGN COIL |
| 15A | 10A | 20A | 10A | 15A | 20A |
| ² SPARE | ⁴ SPARE | ¹ SPARE | FUEL PUMP | ¹ ECU | FUEL INJECTOR |
| 10A | 10A | 15A | 20A | 20A | 15A |
| ² TCU | ³ ABS | ² POWER OUTLET | BUP LAMP | ¹ SENSOR | IGN COIL |
| 15A | 10A | 20A | 10A | 15A | 20A |
| ² SPARE | ⁴ SPARE | ¹ SPARE | FUEL PUMP | ¹ ECU | FUEL INJECTOR |
| 10A | 10A | 15A | 20A | 20A | 15A |

SPARE
10A

| | | | |
|------------------------------|-----|-------------------|------|
| IG2 | 30A | ² ABS | 30A |
| ¹ POWER OUTLET | 40A | ² DCT | 40A |
| BLOWER | 40A | IG1 | 40A |
| ¹ DCT | 40A | ¹ ABS | 40A |
| REAR HEATED | 50A | INVERTER | 50A |
| ³ B+ | 50A | ² B+ | 60A |
| ¹ COOLING FAN | 50A | ³ B+ | 60A |
| CVVL | 50A | ¹ B+ | 60A |
| ² COOLING FAN | 60A | | |
| ¹ MDPS | 80A | ² MDPS | 100A |

| | | | | | |
|-------|-----|-------|-----|-------|-----|
| SPARE | 15A | SPARE | 20A | SPARE | 30A |
| | | | | SPARE | 30A |

| | |
|----------------|-----|
| AMS | 20A |
| DEICER | 20A |
| VACUUM PUMP | 20A |

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| ¹ E- CVVT | 40A |
|-------------------------|-----|

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| ⁴ B+ | 40A |
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| H/LAMP WASHER | 30A |
|------------------|-----|

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|-------------------------|-------|-------------------------|------------------|-------|
| H/LAMP HI | | | | |
| 20A | | | | |
| ² E- CVVT | A/CON | ³ E- CVVT | HEATED MIRROR | WIPER |
| 20A | 10A | 20A | 10A | 10A |

FUSE
PULLER

START

POWER
OUTLET

H/LAMP
WASHER

REAR
HEATED

H/LAMP
HI

E-
CVVT

DEICER

Kia Optima Fuse Box Diagram

Ying-Ying Zheng

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