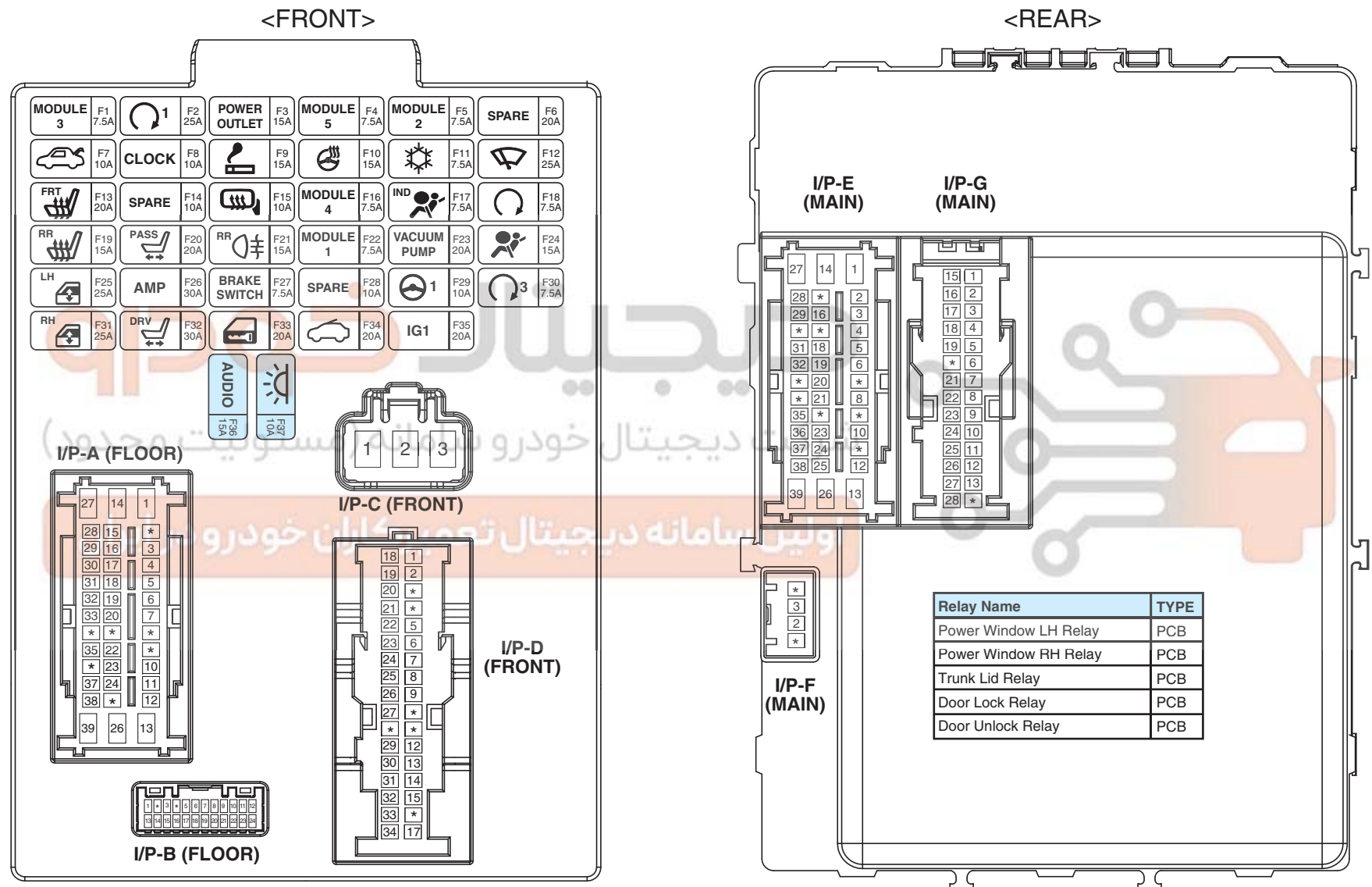


I/P JUNCTION BOX



※ USE THE DESIGNATED FUSE AND RELAY ONLY

## Fuse & Relay Information (2)

SD100-2

### Circuit (I/P Junction Box)

| No. | (A)  | Symbol                                                                                   | Fuse Name    | Circuit Protected                                                                                                                                                                                                                                     |
|-----|------|------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F1  | 7.5A | MODULE 3                                                                                 | MODULE3      | Sport Mode Switch, Key Solenoid (W/O Smart Key)                                                                                                                                                                                                       |
| F2  | 25A  |         | PDM1         | Smart Key Control Module (With Smart Key)                                                                                                                                                                                                             |
| F3  | 15A  | POWER OUTLET                                                                             | POWER OUTLET | Front Power Outlet                                                                                                                                                                                                                                    |
| F4  | 7.5A | MODULE 5                                                                                 | MODULE5      | Smart Key Control Module (With Smart Key), Rear Seat Warmer Relay LH/RH, E/R Fuse & Relay Box (RLY.2), Diesel Box (Fuel Filter Relay)                                                                                                                 |
| F5  | 7.5A | MODULE 2                                                                                 | MODULE2      | BCM, Panorama Sunroof, Rain Sensor                                                                                                                                                                                                                    |
| F6  | 20A  | SPARE                                                                                    | SPARE        | -                                                                                                                                                                                                                                                     |
| F7  | 10A  |         | TRUNK        | Trunk Room Lamp, Fuel Filler Door & Trunk Lid Switch, Trunk Lid Relay                                                                                                                                                                                 |
| F8  | 10A  | CLOCK                                                                                    | CLOCK        | Driver/Passenger Door Mood Lamp, AMP, BCM, Power Outside Mirror Switch, A/C Control Module, Crash Pad Mood Lamp, Overhead Console Lamp, Smart Key Control Module (With Smart Key), Audio, A/V & Navigation Head Unit, ISG Low DC-DC Converter (Audio) |
| F9  | 15A  |         | C/LIGHTER    | Cigarette Lighter                                                                                                                                                                                                                                     |
| F10 | 15A  |         | HTD STRG     | Steering Wheel Heater                                                                                                                                                                                                                                 |
| F11 | 7.5A |         | A/CON        | A/C Control Module, E/R Fuse & Relay Box (RLY.14)                                                                                                                                                                                                     |
| F12 | 25A  |         | WIPER        | E/R Fuse & Relay Box (RLY.11, RLY.12), Multifunction Switch, Front Wiper Motor                                                                                                                                                                        |
| F13 | 20A  | FRT     | S/HEATER FRT | Driver/Passenger CCS Cushion Warmer (With CCS), Driver/Passenger Seat Warmer Module (W/O CCS)                                                                                                                                                         |
| F14 | 10A  | SPARE                                                                                    | SPARE        | -                                                                                                                                                                                                                                                     |
| F15 | 10A  |       | MIRR HTD     | Driver/Passenger Power Outside Mirror                                                                                                                                                                                                                 |
| F16 | 7.5A | MODULE 4                                                                                 | MODULE4      | Driver/Passenger CCS Control Module (With CCS), Driver/Passenger Seat Warmer Module (W/O CCS), Front Seat Warmer & CCS Switch, ISG Low DC-DC Converter, Tire Pressure Monitoring Module, Fuel Filter Warning Sensor                                   |
| F17 | 7.5A | IND   | A/BAG IND    | Instrument Cluster                                                                                                                                                                                                                                    |
| F18 | 7.5A |       | START        | Smart Key Control Module (With Smart Key), Burglar Alarm Relay (W/O Smart Key)                                                                                                                                                                        |
| F19 | 15A  | RR    | S/HEATER RR  | Rear Seat Warmer Relay LH/RH                                                                                                                                                                                                                          |
| F20 | 20A  | PASS  | P/SEAT PASS  | Passenger Seat Manual Switch                                                                                                                                                                                                                          |
| F21 | 15A  | RR    | FOG LP RR    | Rear Fog Lamp Relay                                                                                                                                                                                                                                   |

| No. | (A)  | Symbol                                                                                  | Fuse Name               | Circuit Protected                                                                                                                                                                                                                                                                                                                                                                                |
|-----|------|-----------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F22 | 7.5A | MODULE 1                                                                                | MODULE1                 | Auto Head Lamp Leveling Device Module (Auto HLLD), Head Lamp Leveling Device Switch (Manual HLLD), Head Lamp Leveling Device Actuator LH/RH, BCM, Smart Parking Assist Control Module, Instrument Cluster, Electro Chromic Mirror, A/C Control Module, Driver IMS Module, Rear Parking Assist Buzzer, Lane Keeping Assist Module                                                                 |
| F23 | 20A  | VACUUM PUMP                                                                             | VACUUM PUMP             | -                                                                                                                                                                                                                                                                                                                                                                                                |
| F24 | 15A  |      | A/BAG                   | SRS Control Module, Telltale Lamp (Europe), Seat Belt Reminder Indicator (Australia)                                                                                                                                                                                                                                                                                                             |
| F25 | 25A  | LH   | P/WDW LH                | Driver Safety Power Window Module (LHD), Passenger Safety Power Window Module (RHD), Rear Safety Power Window Module LH, Power Window LH Relay                                                                                                                                                                                                                                                   |
| F26 | 30A  | AMP                                                                                     | AMP                     | AMP                                                                                                                                                                                                                                                                                                                                                                                              |
| F27 | 7.5A | BRAKE SWITCH                                                                            | BRAKE SWITCH            | Smart Key Control Module, Start Stop Button Switch, FOB Holder, Stop Lamp Switch                                                                                                                                                                                                                                                                                                                 |
| F28 | 10A  | SPARE                                                                                   | SPARE                   | -                                                                                                                                                                                                                                                                                                                                                                                                |
| F29 | 10A  |      | MDPS                    | Crash Pad Switch, MDPS Unit (With MDPS), Steering Angle Sensor (W/O MDPS), ATM Lever Indicator, Console Switch                                                                                                                                                                                                                                                                                   |
| F30 | 7.5A |      | PDM3                    | Smart Key Control Module (With Smart Key)                                                                                                                                                                                                                                                                                                                                                        |
| F31 | 25A  | RH   | P/WDW RH                | Driver Safety Power Window Module (RHD), Passenger Safety Power Window Module (LHD), Rear Safety Power Window Module RH, Power Window RH Relay                                                                                                                                                                                                                                                   |
| F32 | 30A  | DRV  | P/SEAT DRV              | Driver IMS Module, Driver Seat Manual Switch, Driver Lumbar Support Switch (2WAY)                                                                                                                                                                                                                                                                                                                |
| F33 | 20A  |      | DR LOCK                 | Door Lock/Unlock Relay, Dead Lock Relay (RHD), Turn Signal Lamp Sound Relay                                                                                                                                                                                                                                                                                                                      |
| F34 | 20A  |     | SUNROOF                 | Panorama Sunroof                                                                                                                                                                                                                                                                                                                                                                                 |
| F35 | 20A  | IG1                                                                                     | IG1                     | E/R Fuse & Relay Box (Fuse - F10, F11, F12, F13), Fuse & Relay Box (Fuse - F3)                                                                                                                                                                                                                                                                                                                   |
| F36 | 15A  | AUDIO                                                                                   | AUDIO POWER CONNECTOR   | Audio, ISG Low DC-DC Converter (Audio), A/V & Navigation Head Unit                                                                                                                                                                                                                                                                                                                               |
| F37 | 10A  |    | ROOM LP POWER CONNECTOR | Driver/Passenger Smart Key Outside Handle (With Smart Key), Driver/Passenger Door Lamp, A/C Control Module, Ignition Key ILL. & Door Warning Switch (W/O Smart Key), RF Receiver (With Smart Key), Driver IMS Module, BCM, Data Link Connector, Driver/Passenger Door Scuff Lamp, Power Outside Mirror Switch, Auto Light & Photo Sensor (With B/Alarm), Lamp Auto Cut Relay, Instrument Cluster |

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