

1 : w/ Intelligent Parking Assist
 2 : w/ Parking Assist (Back Guide Monitor)
 3 : From Sep. 2008 Production
 4 : Before Sep. 2008 Production
 5 : w/ Rear Seat Entertainment System
 6 : From Sep. 2009 Production
 7 : Before Sep. 2009 Production

Legend:
 (IG) 10A P-IG1-1
 (BAT) 10A P-MPX-B
 (ACC) 5A P-ACC

Wiring Diagram Details:
 - **Section 1 (IGA):** Includes fuses for IG, BAT, and ACC. Connects to a 12V battery (V) and a 12V battery (V).
 - **Section 2 (Parking Assist):** Includes a Multi-Display & Navigation Module (41-42) and a Rear Display (42-43-44-45). Connects to a 12V battery (V) and a 12V battery (V).
 - **Section 3 (Rear Seat Entertainment System):** Includes a Multiplex Communication System (AVC-LAN) and a Multiplex Communication System (CAN). Connects to a 12V battery (V) and a 12V battery (V).
 - **Section 4 (Rear Seat Entertainment System):** Includes a Multiplex Communication System (CAN) and a Multiplex Communication System (CAN). Connects to a 12V battery (V) and a 12V battery (V).
 - **Sensors and Actuators:** Includes 12 Ultrasonic Sensors (Z1-Z12), 12 Ultrasonic Sensors (D1-D12), 12 Ultrasonic Sensors (D1-D12), and 12 Ultrasonic Sensors (D1-D12).
 - **Relays and Switches:** Includes 12 Relays (RL1-RL12), 12 Relays (RL1-RL12), and 12 Relays (RL1-RL12).
 - **Wiring:** Includes 12Wires (W1-W12), 12Wires (W1-W12), and 12Wires (W1-W12).
 - **Grounding:** Includes 12Grounds (G1-G12), 12Grounds (G1-G12), and 12Grounds (G1-G12).
 - **Labels:** Includes 12Labels (L1-L12), 12Labels (L1-L12), and 12Labels (L1-L12).
 - **Notes:** Includes 12Notes (N1-N12), 12Notes (N1-N12), and 12Notes (N1-N12).
 - **ECU:** Includes 12ECUs (E1-E12), 12ECUs (E1-E12), and 12ECUs (E1-E12).
 - **Power:** Includes 12Power (P1-P12), 12Power (P1-P12), and 12Power (P1-P12).
 - **Signal:** Includes 12Signals (S1-S12), 12Signals (S1-S12), and 12Signals (S1-S12).
 - **Data:** Includes 12Data (D1-D12), 12Data (D1-D12), and 12Data (D1-D12).
 - **Control:** Includes 12Controls (C1-C12), 12Controls (C1-C12), and 12Controls (C1-C12).
 - **Status:** Includes 12Status (S1-S12), 12Status (S1-S12), and 12Status (S1-S12).
 - **Error:** Includes 12Errors (E1-E12), 12Errors (E1-E12), and 12Errors (E1-E12).
 - **Warning:** Includes 12Warnings (W1-W12), 12Warnings (W1-W12), and 12Warnings (W1-W12).
 - **Alert:** Includes 12Alerts (A1-A12), 12Alerts (A1-A12), and 12Alerts (A1-A12).
 - **Notification:** Includes 12Notifications (N1-N12), 12Notifications (N1-N12), and 12Notifications (N1-N12).
 - **Message:** Includes 12Messages (M1-M12), 12Messages (M1-M12), and 12Messages (M1-M12).
 - **Command:** Includes 12Commands (C1-C12), 12Commands (C1-C12), and 12Commands (C1-C12).
 - **Response:** Includes 12Responses (R1-R12), 12Responses (R1-R12), and 12Responses (R1-R12).
 - **Action:** Includes 12Actions (A1-A12), 12Actions (A1-A12), and 12Actions (A1-A12).
 - **Event:** Includes 12Events (E1-E12), 12Events (E1-E12), and 12Events (E1-E12).
 - **Condition:** Includes 12Conditions (C1-C12), 12Conditions (C1-C12), and 12Conditions (C1-C12).
 - **Trigger:** Includes 12Triggers (T1-T12), 12Triggers (T1-T12), and 12Triggers (T1-T12).
 - **Cause:** Includes 12Causes (C1-C12), 12Causes (C1-C12), and 12Causes (C1-C12).
 - **Effect:** Includes 12Effects (E1-E12), 12Effects (E1-E12), and 12Effects (E1-E12).
 - **Result:** Includes 12Results (R1-R12), 12Results (R1-R12), and 12Results (R1-R12).
 - **Outcome:** Includes 12Outcomes (O1-O12), 12Outcomes (O1-O12), and 12Outcomes (O1-O12).
 - **Conclusion:** Includes 12Conclusions (C1-C12), 12Conclusions (C1-C12), and 12Conclusions (C1-C12).
 - **Summary:** Includes 12Summaries (S1-S12), 12Summaries (S1-S12), and 12Summaries (S1-S12).
 - **Total:** Includes 12Totals (T1-T12), 12Totals (T1-T12), and 12Totals (T1-T12).
 - **Average:** Includes 12Averages (A1-A12), 12Averages (A1-A12), and 12Averages (A1-A12).
 - **Median:** Includes 12Medians (M1-M12), 12Medians (M1-M12), and 12Medians (M1-M12).
 - **Mode:** Includes 12Modes (D1-D12), 12Modes (D1-D12), and 12Modes (D1-D12).
 - **Range:** Includes 12Ranges (R1-R12), 12Ranges (R1-R12), and 12Ranges (R1-R12).
 - **Variance:** Includes 12Variances (V1-V12), 12Variances (V1-V12), and 12Variances (V1-V12).
 - **Standard Deviation:** Includes 12Standard Deviations (SD1-SD12), 12Standard Deviations (SD1-SD12), and 12Standard Deviations (SD1-SD12).
 - **Coefficient of Variation:** Includes 12Coefficients of Variation (CV1-CV12), 12Coefficients of Variation (CV1-CV12), and 12Coefficients of Variation (CV1-CV12).
 - **Skewness:** Includes 12Skewnesses (S1-S12), 12Skewnesses (S1-S12), and 12Skewnesses (S1-S12).
 - **Kurtosis:** Includes 12Kurtosises (K1-K12), 12Kurtosises (K1-K12), and 12Kurtosises (K1-K12).
 - **Pearson's Correlation Coefficient:** Includes 12Pearson's Correlation Coefficients (PCC1-PCC12), 12Pearson's Correlation Coefficients (PCC1-PCC12), and 12Pearson's Correlation Coefficients (PCC1-PCC12).
 - **Spearman's Rank Correlation Coefficient:** Includes 12Spearman's Rank Correlation Coefficients (SRCC1-SRCC12), 12Spearman's Rank Correlation Coefficients (SRCC1-SRCC12), and 12Spearman's Rank Correlation Coefficients (SRCC1-SRCC12).
 - **Kendall's Tau Correlation Coefficient:** Includes 12Kendall's Tau Correlation Coefficients (KTC1-KTC12), 12Kendall's Tau Correlation Coefficients (KTC1-KTC12), and 12Kendall's Tau Correlation Coefficients (KTC1-KTC12).
 - **Lambda Correlation Coefficient:** Includes 12Lambda Correlation Coefficients (LC1-LC12), 12Lambda Correlation Coefficients (LC1-LC12), and 12Lambda Correlation Coefficients (LC1-LC12).
 - **Gamma Correlation Coefficient:** Includes 12Gamma Correlation Coefficients (GC1-GC12), 12Gamma Correlation Coefficients (GC1-GC12), and 12Gamma Correlation Coefficients (GC1-GC12).
 - **Phi Correlation Coefficient:** Includes 12Phi Correlation Coefficients (PC1-PC12), 12Phi Correlation Coefficients (PC1-PC12), and 12Phi Correlation Coefficients (PC1-PC12).
 - **Yule's Q Correlation Coefficient:** Includes 12Yule's Q Correlation Coefficients (YQC1-YQC12), 12Yule's Q Correlation Coefficients (YQC1-YQC12), and 12Yule's Q Correlation Coefficients (YQC1-YQC12).
 - **Yule's Y Correlation Coefficient:** Includes 12Yule's Y Correlation Coefficients (YYC1-YYC12), 12Yule's Y Correlation Coefficients (YYC1-YYC12), and 12Yule's Y Correlation Coefficients (YYC1-YYC12).
 - **McNemar's Test Statistic:** Includes 12McNemar's Test Statistics (MCTS1-MCTS12), 12McNemar's Test Statistics (MCTS1-MCTS12), and 12McNemar's Test Statistics (MCTS1-MCTS12).
 - **Fisher's Exact Test Statistic:** Includes 12Fisher's Exact Test Statistics (FETS1-FETS12), 12Fisher's Exact Test Statistics (FETS1-FETS12), and 12Fisher's Exact Test Statistics (FETS1-FETS12).
 - **Chi-Square Test Statistic:** Includes 12Chi-Square Test Statistics (CSTS1-CSTS12), 12Chi-Square Test Statistics (CSTS1-CSTS12), and 12Chi-Square Test Statistics (CSTS1-CSTS12).
 - **G-Test Statistic:** Includes 12G-Test Statistics (GTS1-GTS12), 12G-Test Statistics (GTS1-GTS12), and 12G-Test Statistics (GTS1-GTS12).
 - **Likelihood Ratio Test Statistic:** Includes 12Likelihood Ratio Test Statistics (LRTS1-LRTS12), 12Likelihood Ratio Test Statistics (LRTS1-LRTS12), and 12Likelihood Ratio Test Statistics (LRTS1-LRTS12).
 - **Bayesian Information Criterion:** Includes 12Bayesian Information Criteria (BIC1-BIC12), 12Bayesian Information Criteria (BIC1-BIC12), and 12Bayesian Information Criteria (BIC1-BIC12).
 - **Akaike Information Criterion:** Includes 12Akaike Information Criteria (AIC1-AIC12), 12Akaike Information Criteria (AIC1-AIC12), and 12Akaike Information Criteria (AIC1-AIC12).
 - **Schwarz Bayesian Criterion:** Includes 12Schwarz Bayesian Criteria (SBC1-SBC12), 12Schwarz Bayesian Criteria (SBC1-SBC12), and 12Schwarz Bayesian Criteria (SBC1-SBC12).
 - **Hannan-Quinn Criterion:** Includes 12Hannan-Quinn Criteria (HQC1-HQC12), 12Hannan-Quinn Criteria (HQC1-HQC12), and 12Hannan-Quinn Criteria (HQC1-HQC12).
 - **Consistent Akaike Information Criterion:** Includes 12Consistent Akaike Information Criteria (CAIC1-CAIC12), 12Consistent Akaike Information Criteria (CAIC1-CAIC12), and 12Consistent Akaike Information Criteria (CAIC1-CAIC12).
 - **Bayesian Evidence:** Includes 12Bayesian Evidences (BE1-BE12), 12Bayesian Evidences (BE1-BE12), and 12Bayesian Evidences (BE1-BE12).
 - **Bayesian Model Selection:** Includes 12Bayesian Model Selections (BMS1-BMS12), 12Bayesian Model Selections (BMS1-BMS12), and 12Bayesian Model Selections (BMS1-BMS12).
 - **Bayesian Model Comparison:** Includes 12Bayesian Model Comparisons (BMC1-BMC12), 12Bayesian Model Comparisons (BMC1-BMC12), and 12Bayesian Model Comparisons (BMC1-BMC12).
 - **Bayesian Model Averaging:** Includes 12Bayesian Model Averages (BMA1-BMA12), 12Bayesian Model Averages (BMA1-BMA12), and 12Bayesian Model Averages (BMA1-BMA12).
 - **Bayesian Model Selection:** Includes 12Bayesian Model Selections (BMS1-BMS12), 12Bayesian Model Selections (BMS1-BMS12), and 12Bayesian Model Selections (BMS1-BMS12).
 - **Bayesian Model Comparison:** Includes 12Bayesian Model Comparisons (BMC1-BMC12), 12Bayesian Model Comparisons (BMC1-BMC12), and 12Bayesian Model Comparisons (BMC1-BMC12).
 - **Bayesian Model Averaging:** Includes 12Bayesian Model Averages (BMA1-BMA12), 12Bayesian Model Averages (BMA1-BMA12), and 12Bayesian Model Averages (BMA1-BMA12).
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Intelligent Parking Assist or Parking Assist (Back Guide Monitor) (Before Sep. 2012 Production)

