

Component Procedures: Instrument Panel, Gauges and Warning Indicators

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Component Procedures: Instrument Panel, Gauges and Warning Indicators

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Instruments & Gauges > Instr?	94041F3050	3.5"	637.89	Order By Vehicle Applicati?
Instruments & Gauges > Instr?	94061F3080	4.2"	1462.55	Order By Vehicle Applicati?

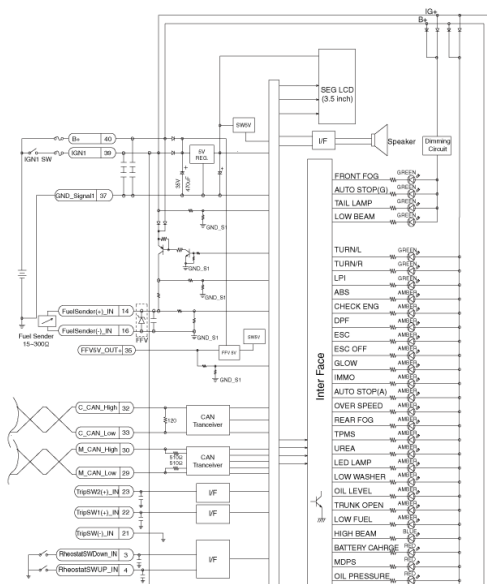
Labor

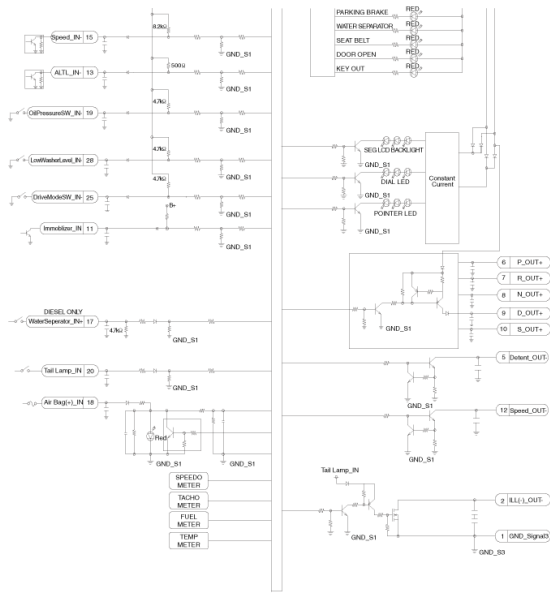
Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Install	Instrument Panel > Instrument Panel, R&I	B	7.1	0.0
Remove & Replace	Gauges > Clock, R&R	B	0.5	0.0
Remove & Replace	Instruments & Gauges > Instrument Cluster, R&R	B	0.7	0.0

Instrument Cluster - Schematic Diagrams (Article 44587)

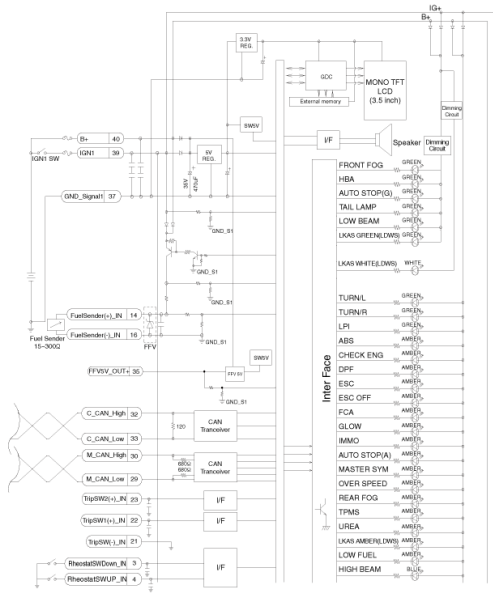
- Circuit Diagram

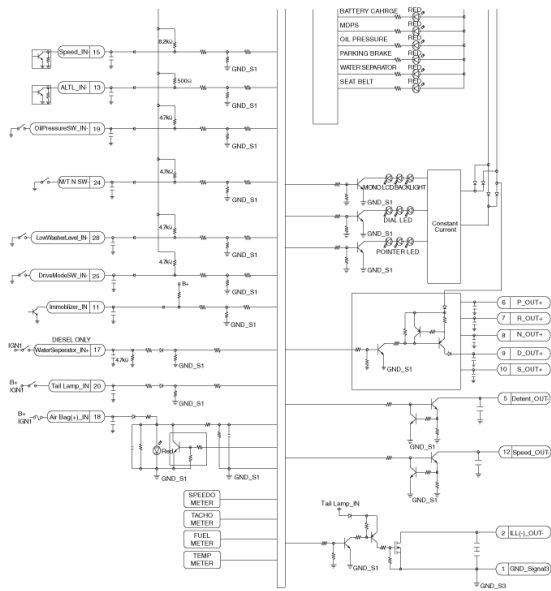
[General Standard]



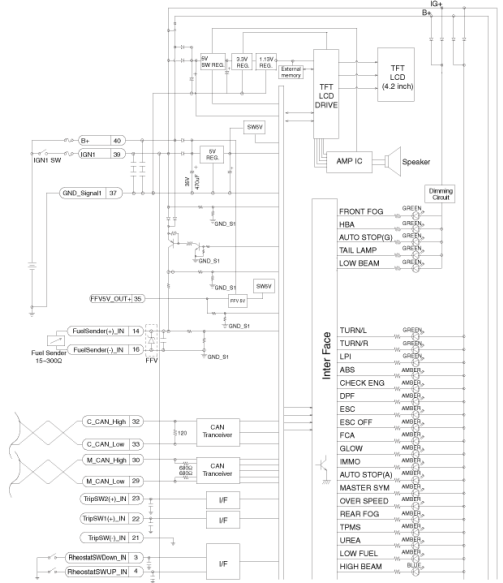


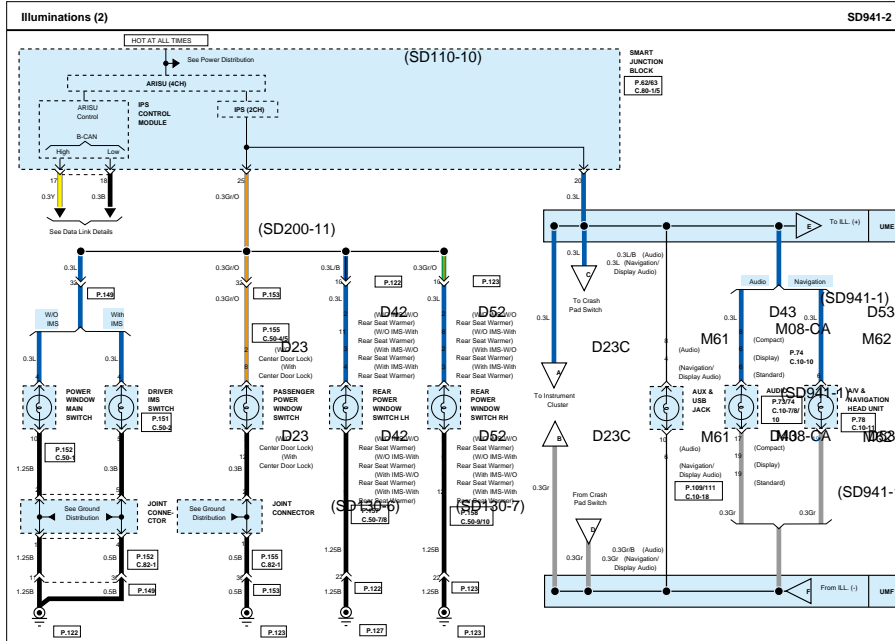
[MONO Type]





[General Supervision]





(SD941-3)

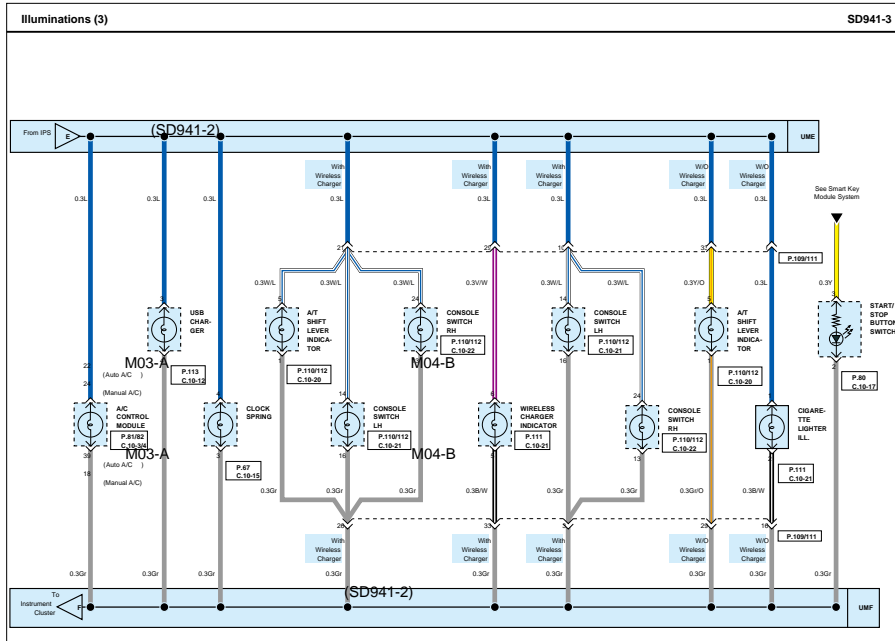
M08-DB

D44 M08-SB D54

M08-DB

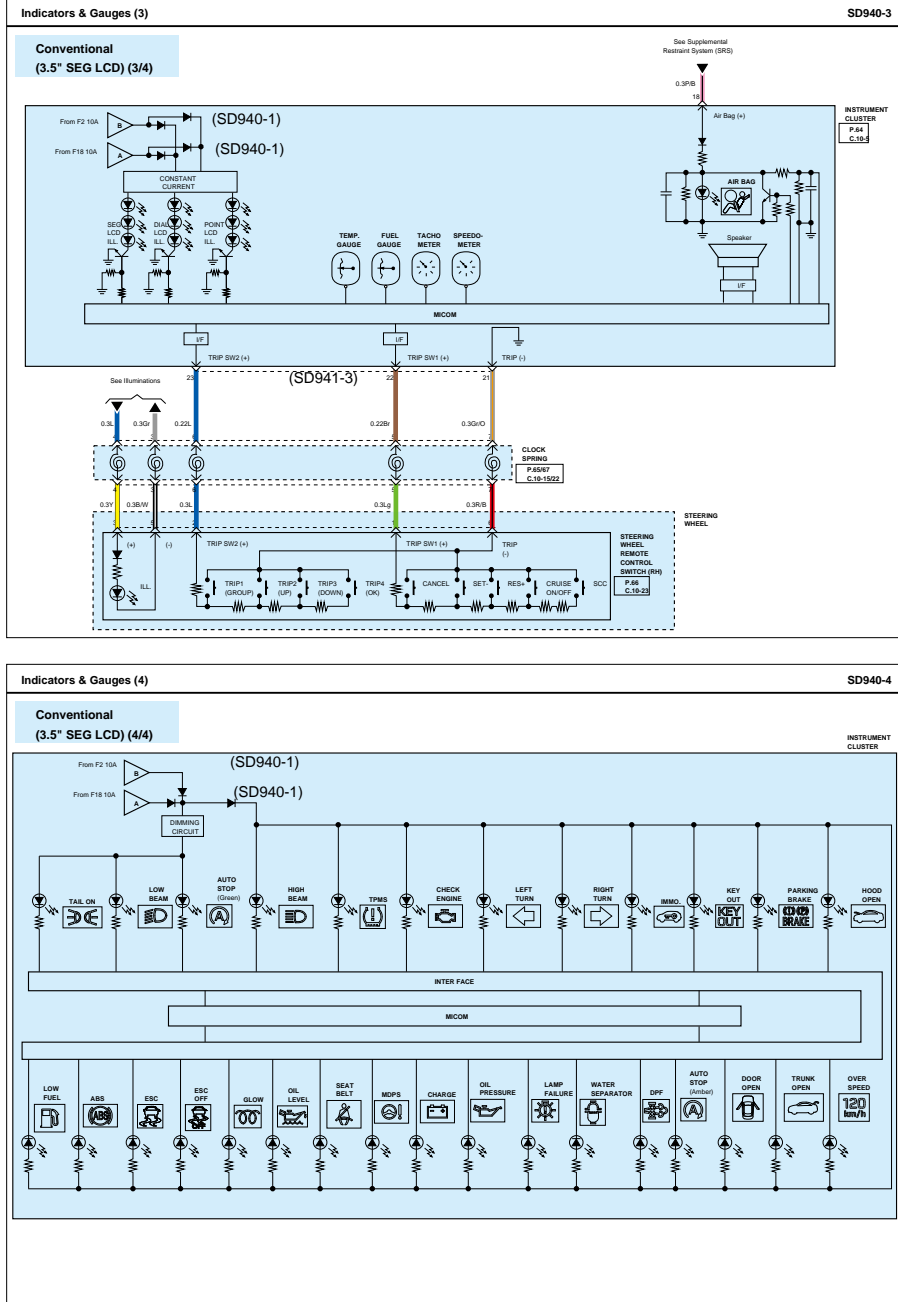
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(SD941-3)



(SD954-3)

Indicators and Gauges - Conventional - Schematic Diagrams (Article 42506)

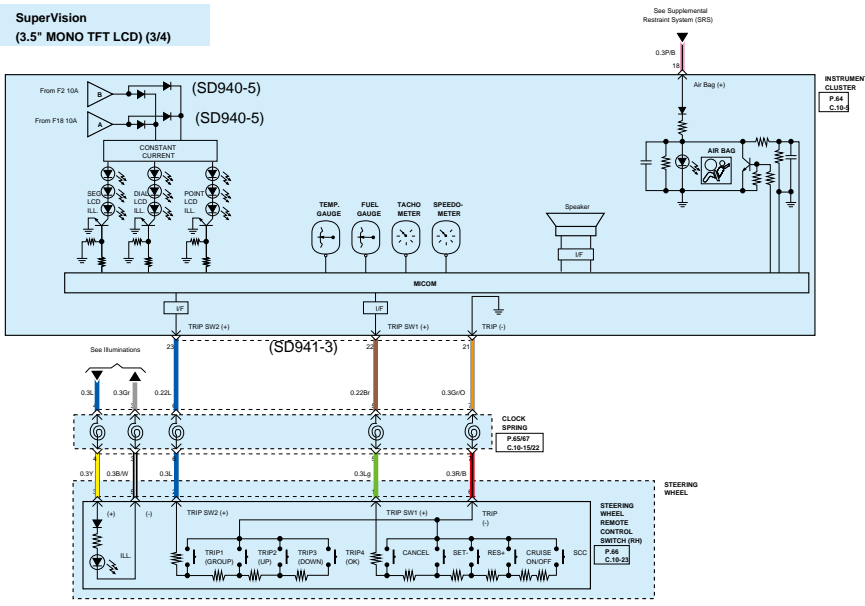


(SD569-1)

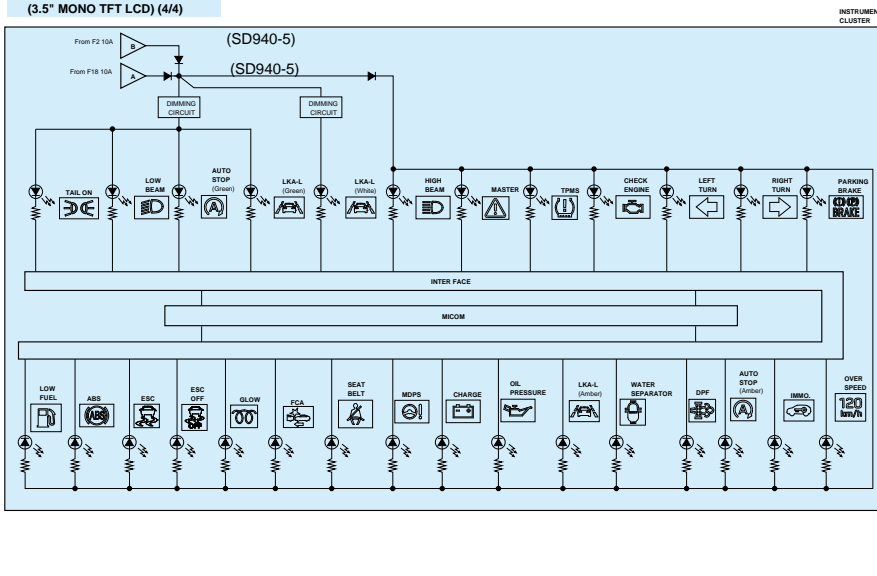
Indicators and Gauges - Super Vision - Schematic Diagrams (Article 42508)

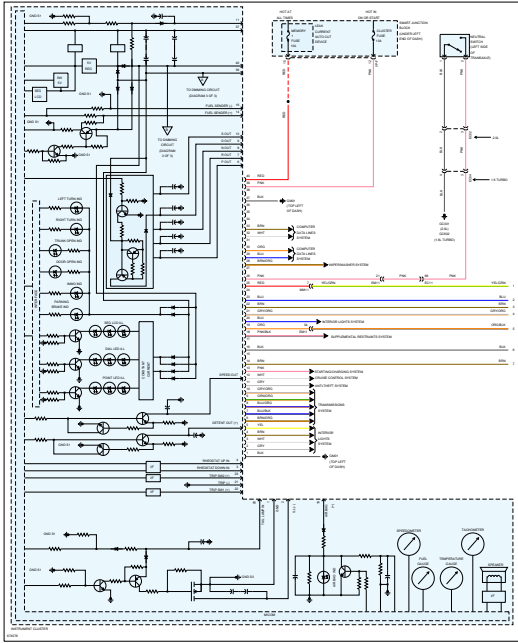
(SD569-1)

SuperVision
(3.5" MONO TFT LCD) (3/4)

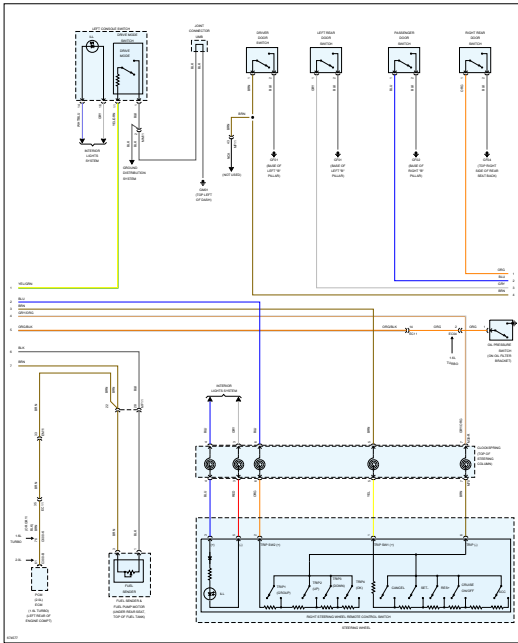


SuperVision
(3.5" MONO TFT LCD) (4/4)

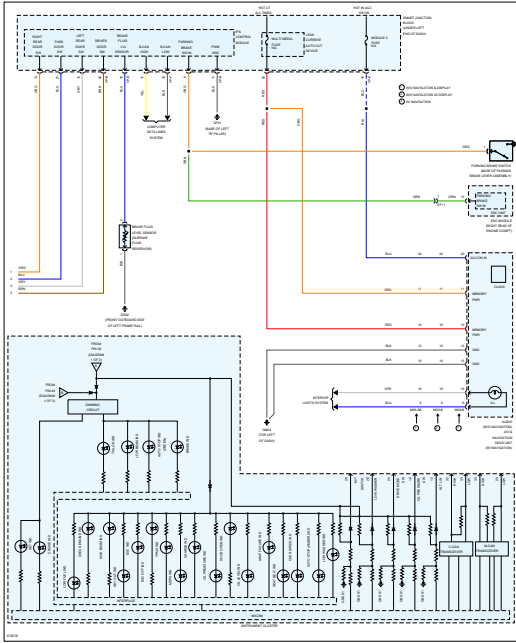




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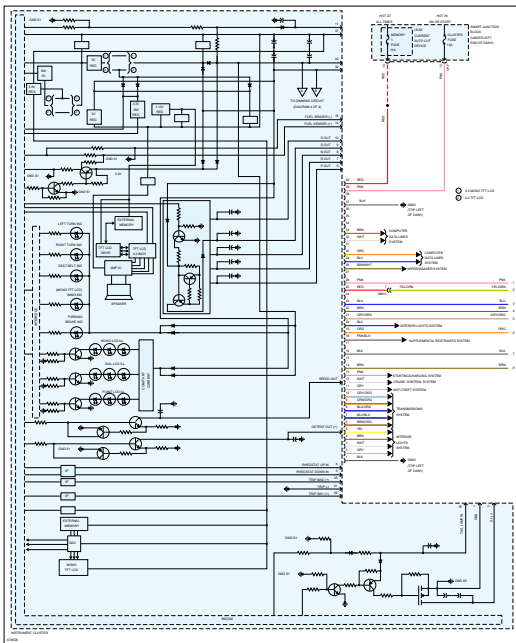
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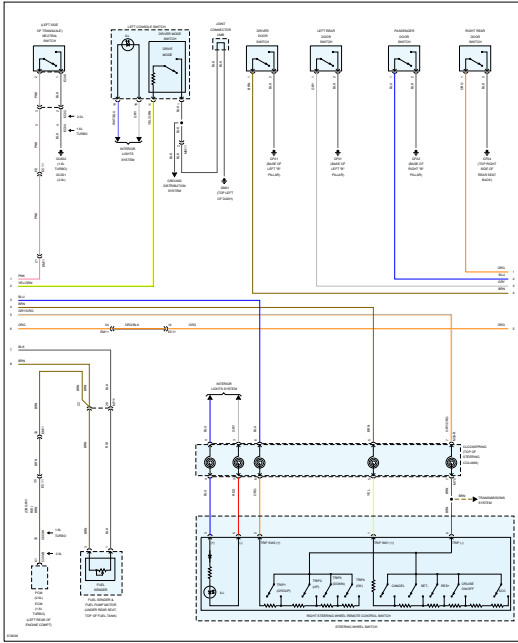
Instrument Cluster - AD W/ Supervision (Article 10166)

Instrument Cluster - AD W/ Supervision

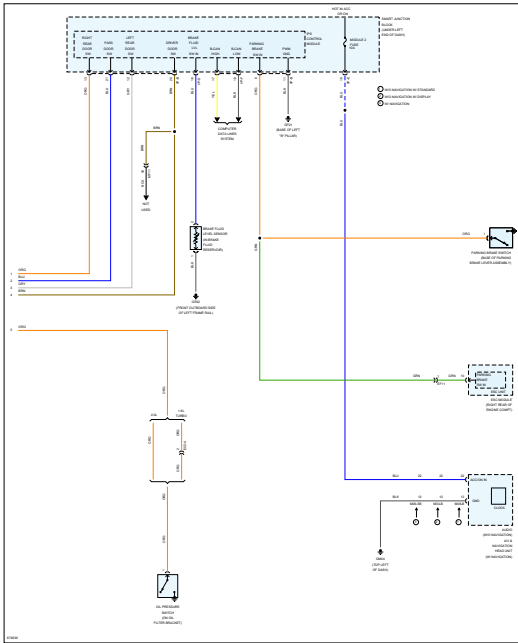
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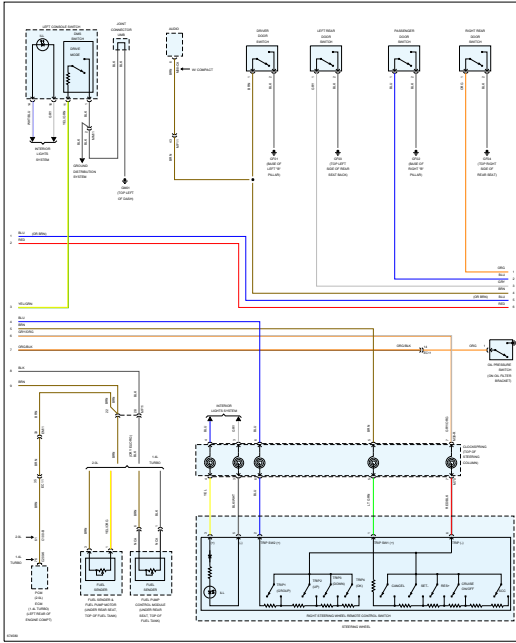
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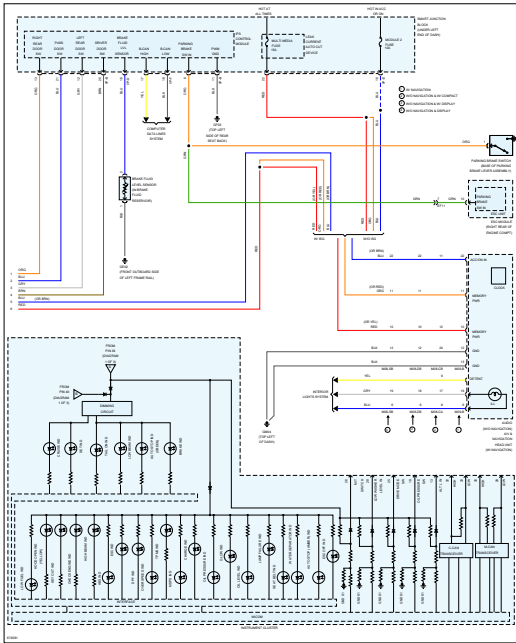
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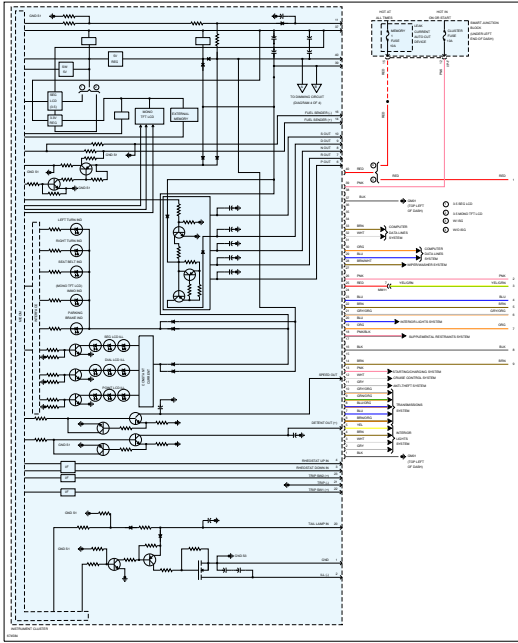
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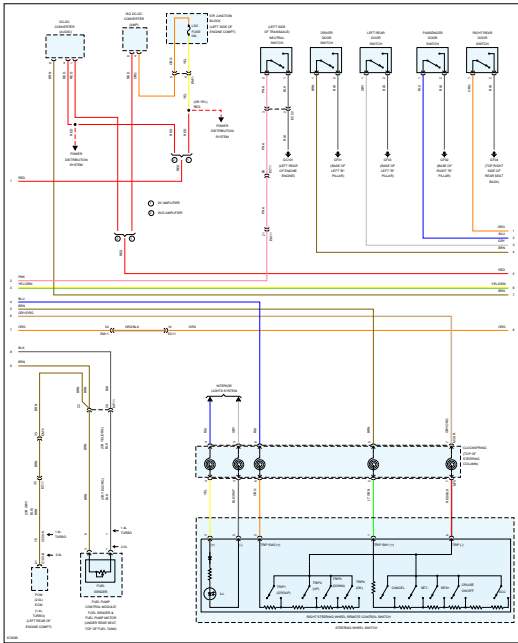
Instrument Cluster - ADA W/ Supervision (Article 10190)

Instrument Cluster - ADA W/ Supervision

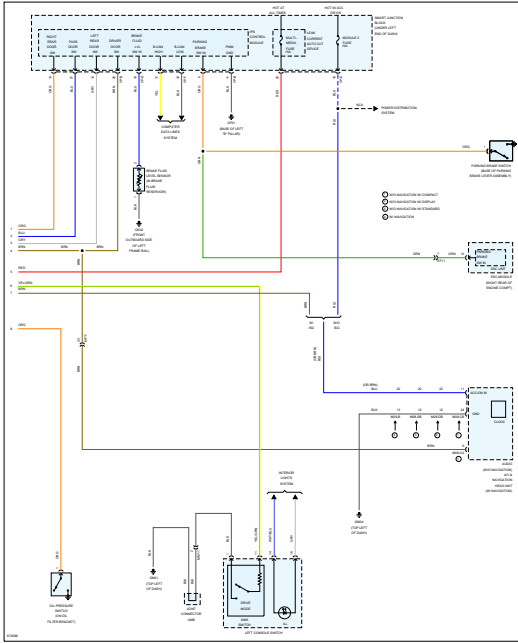
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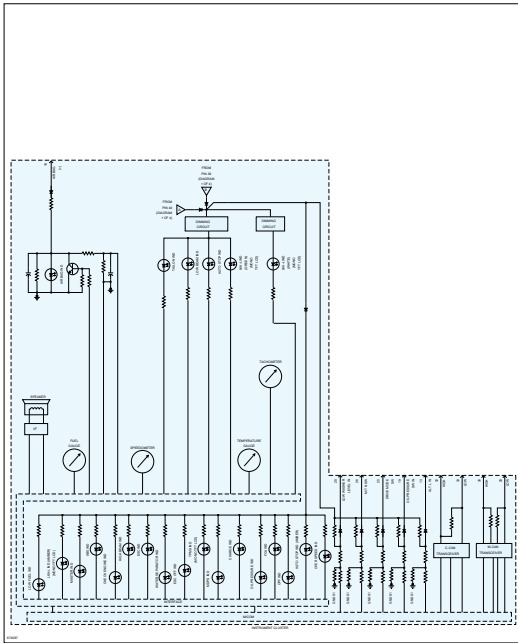
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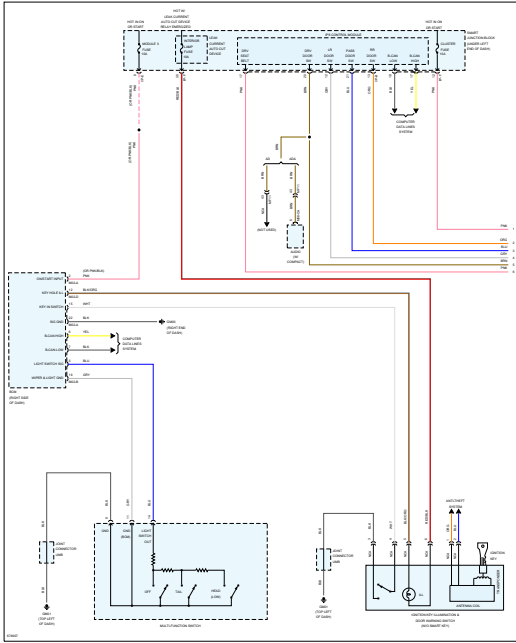
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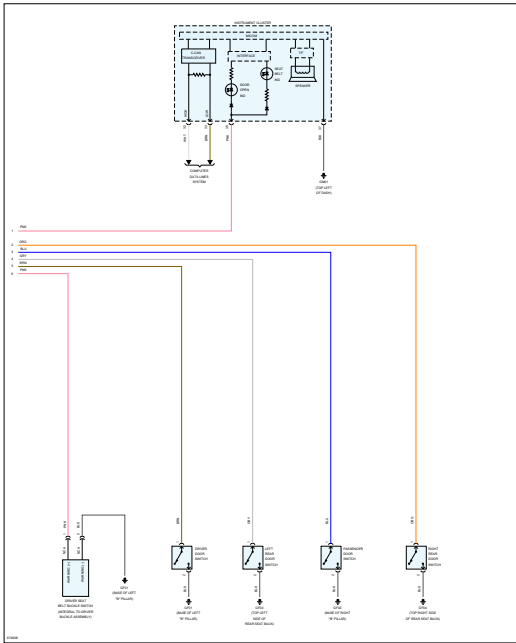
Warning Systems - Chime Circuit (Article 12466)

Warning Systems - Chime Circuit

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Indicators and Gauges - Troubleshooting (Article 44591)

- Troubleshooting

Error Item Failure symptom Inspection items Detailed inspections Relevant Parts/ Components
 Screen display TFT-LCD screen does not turn on Connector attachments Components Check the connector attachments Check B+, IGN and GND wiring Check the components Connectors, wiring, fuses, dashboard

- Connector attachments

- Components

- Check the connector attachments

- Check B+, IGN and GND wiring

- Check the components

Warning light Airbag warning lamp malfunction Connector attachments C-CAN Components Check airbag + signal (connectors) Check C-CAN (ACU4) signal Check the FPC attachment inside the dashboard ACU Connectors, wiring, fuses, dashboard

- C-CAN

- Check airbag + signal (connectors)

- Check C-CAN (ACU4) signal

- Check the FPC attachment inside the dashboard

Mode conversion Integrated driving mode malfunction Connector attachments Switch Components Check the switch input (connector) Check the switch signal input (disconnection or shorting) Check conversion with dashboard component Switch connector, wiring dashboard

- Switch

- Check the switch input (connector)

- Check the switch signal input (disconnection or shorting)

- Check conversion with dashboard component

Illumination Interior light brightness cannot be controlled. Connector attachments Switch Components Check if the light switch's input signal reaches the connector Check ILL- and DETENT signals Check the TAIL+ signal input Switch connector, wiring dashboard

- Check if the light switch's input signal reaches the connector

- Check ILL- and DETENT signals

- Check the TAIL+ signal input

Warning Sound No dashboard alarm Connector attachments Car speakers Components Check the speaker output connector Check the car speakers Speaker connectors, wiring dashboard

- Car speakers

- Check the speaker output connector

- Check the car speakers

Fuel indicator Faulty fuel gauge indication Connector attachments Fuel sender Components Check fuel input and GND connectors (open, short or input resistance values) Check fuel sender Fuel sender connector, wiring dashboard

- Fuel sender

- Check fuel input and GND connectors (open, short or input resistance values)

- Check fuel sender