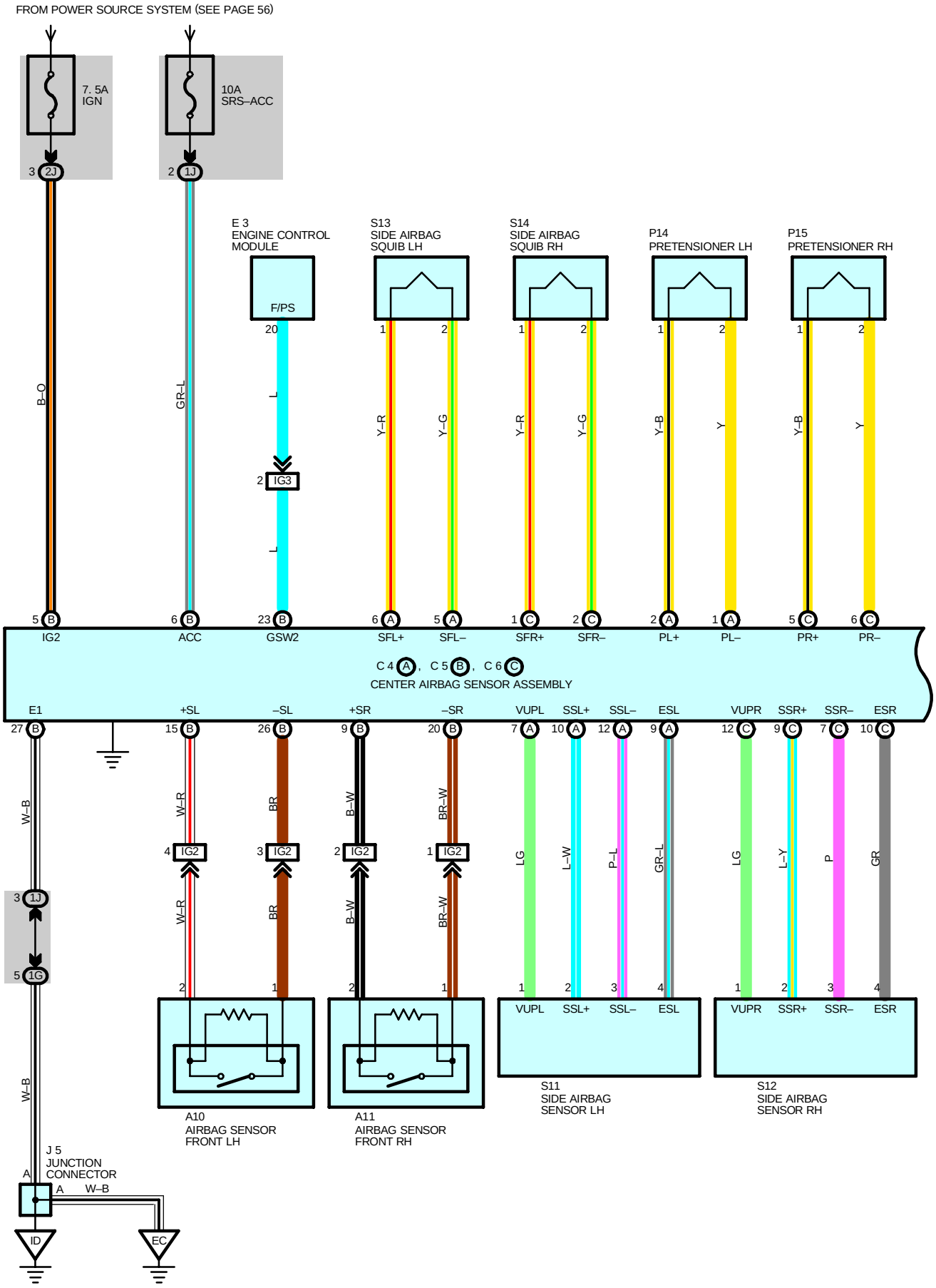
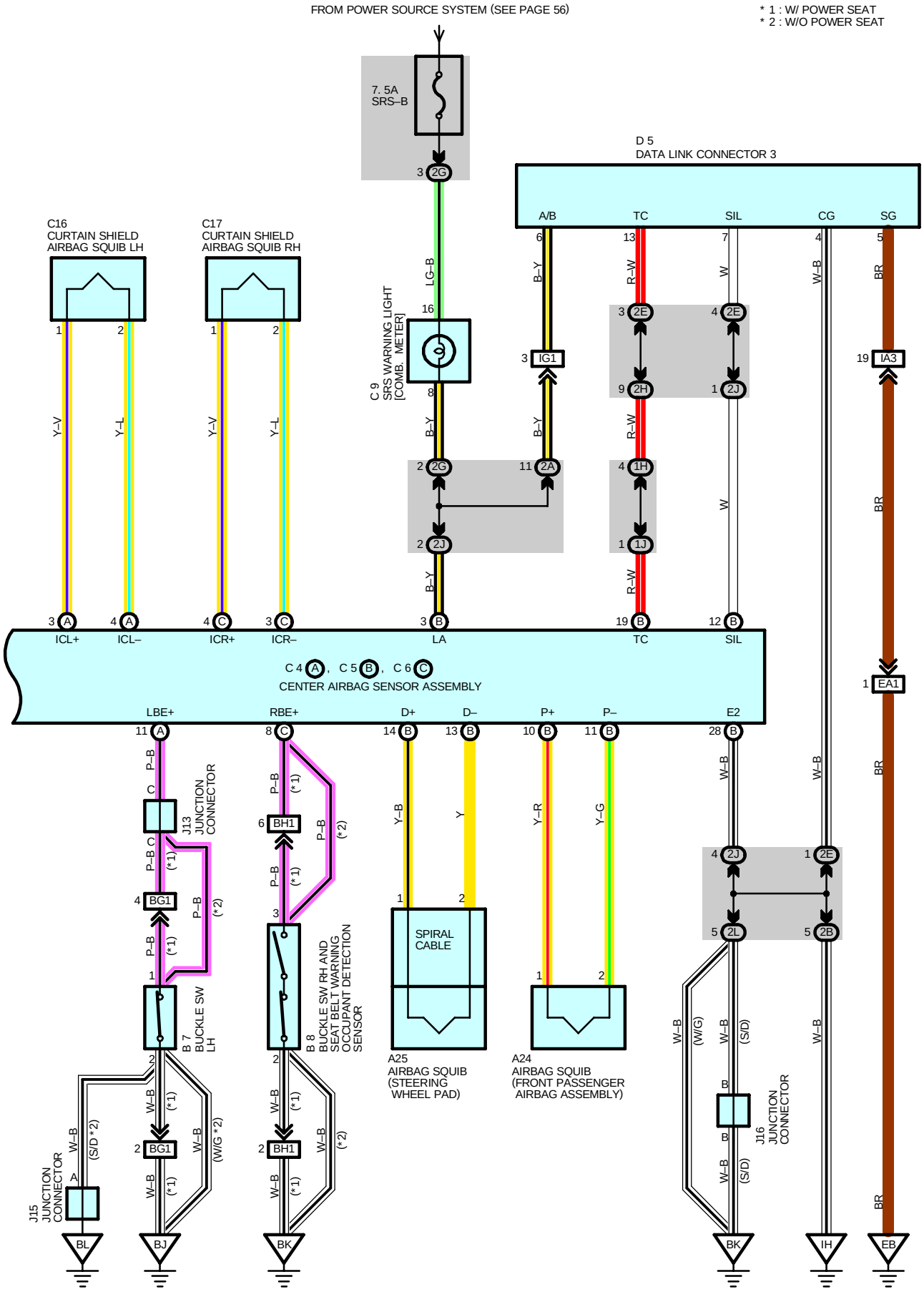
NOTICE: When inspecting or repairing the SRS, perform the operation in accordance with the following precautionary instructions and the procedure and precautions in the Repair Manual for the applicable model year.

- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started after 90 seconds from when the ignition switch is turned to the "LOCK" position and the negative (–) terminal cable is disconnected from the battery.**
  (The SRS is equipped with a back–up power source so that if work is started within 90 seconds from disconnecting the negative (–) terminal cable of the battery, the SRS may be deployed.)
- When the negative (–) terminal cable is disconnected from the battery, the memory of the clock and audio system will be canceled. So before starting work, make a record of the contents memorized in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. To avoid erasing the memory in each memory system, never use a back–up power supply from outside the vehicle.
- Before repairs, remove the airbag sensor if shocks are likely to be applied to the sensor during repairs.
- Do not expose the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, airbag sensor assembly, front airbag sensor assembly or side airbag sensor assembly directly to hot air or flames.
- Even in cases of a minor collision where the SRS does not deploy, the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, airbag sensor assembly, front airbag sensor assembly and side airbag sensor assembly should be inspected.
- Never use SRS parts from another vehicle. When replacing parts, replace them with new parts.
- Never disassemble and repair the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, airbag sensor assembly, front airbag sensor assembly or side airbag sensor assembly in order to reuse it.
- If the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, airbag sensor assembly, front airbag sensor assembly or side airbag sensor assembly has been dropped, or if there are cracks, dents or other defects in the case, bracket or connector, replace them with new ones.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting the system's electrical circuits.
- Information labels are attached to the periphery of the SRS components. Follow the instructions on the notices.
- After work on the SRS is completed, perform the SRS warning light check.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

SRS


FROM POWER SOURCE SYSTEM (SEE PAGE 56)
7. 5A
IGN
10A
SRS–ACC
3 2J
2 1J
B–O
GR–L
E 3
ENGINE CONTROL
MODULE
F/PS
20
L
2 IG3
L
S13
SIDE AIRBAG
SQUIB LH
S14
SIDE AIRBAG
SQUIB RH
P14
PRETENSIONER LH
P15
PRETENSIONER RH
Y–R
Y–G
Y–B
Y
5 B IG2
6 B ACC
23 B GSW2
6 A SFL+
5 A SFL–
1 C SFR+
2 C SFR–
2 A PL+
1 A PL–
5 C PR+
6 C PR–
C 4 A , C 5 B , C 6 C
CENTER AIRBAG SENSOR ASSEMBLY
E1
+SL
–SL
+SR
–SR
VUPL
SSL+
SSL–
ESL
VUPR
SSR+
SSR–
ESR
27 B
15 B
26 B
9 B
20 B
7 A
10 A
12 A
9 A
12 C
9 C
7 C
10 C
W–B
W–R
BR
B–W
BR–W
LG
L–W
P–L
GR–L
L–Y
P
GR
4 IG2
3 IG2
2 IG2
1 IG2
3 1J
5 1G
A10
AIRBAG SENSOR
FRONT LH
A11
AIRBAG SENSOR
FRONT RH
S11
SIDE AIRBAG
SENSOR LH
S12
SIDE AIRBAG
SENSOR RH
J 5
JUNCTION
CONNECTOR
A
A W–B
ID
EC


FROM POWER SOURCE SYSTEM (SEE PAGE 56)
* 1 : W/ POWER SEAT
* 2 : W/O POWER SEAT
7. 5A
SRS–B
D 5
DATA LINK CONNECTOR 3
A/B
TC
SIL
CG
SG
C16
CURTAIN SHIELD
AIRBAG SQUIB LH
C17
CURTAIN SHIELD
AIRBAG SQUIB RH
C 9
SRS WARNING LIGHT
[COMB. METER]
LG–B
B–Y
R–W
W
W–B
BR
Y–V
Y–L
IG1
IA3
2G
2E
2H
2J
2A
1H
1J
2L
2B
EA1
ICL+
ICL–
ICR+
ICR–
LA
TC
SIL
C 4 (A), C 5 (B), C 6 (C)
CENTER AIRBAG SENSOR ASSEMBLY
LBE+
RBE+
D+
D–
P+
P–
E2
J13
JUNCTION
CONNECTOR
P–B
BG1
BH1
(*1)
(*2)
B 7
BUCKLE SW
LH
B 8
BUCKLE SW RH AND
SEAT BELT WARNING
OCCUPANT DETECTION
SENSOR
SPIRAL
CABLE
A25
AIRBAG SQUIB
(STEERING
WHEEL PAD)
A24
AIRBAG SQUIB
(FRONT PASSENGER
AIRBAG ASSEMBLY)
J15
JUNCTION
CONNECTOR
J16
JUNCTION
CONNECTOR
W–B
(S/D *2)
(W/G *2)
(W/G)
(S/D)
BL
BJ
BK
IH
EB

SRS

SYSTEM OUTLINE

The SRS is a driver and front passenger protection device which has a supplemental role to the seat belts.
When the ignition SW is turned to ACC or ON, the current from the SRS–ACC fuse flows to TERMINAL (B) 6 of the center airbag sensor assembly. Only when the ignition SW is on does the current flow from the IGN fuse to TERMINAL (B) 5 of the center airbag sensor assembly.
If an accident occurs while driving, when the frontal impact exceeds a set level, the current from the SRS–ACC or IGN fuse flows to TERMINALS (B) 14, (B) 10, (A) 2 and (C) 5 of the center airbag sensor assembly to TERMINAL 1 of the airbag squibs and the pretensioners to TERMINAL 2 to TERMINALS (B) 13, (B) 11, (A) 1 and (C) 6 of the center airbag sensor assembly to TERMINAL (B) 27, (B) 28 or BODY GROUND to GROUND, so that current flows to the airbag squibs and the pretensioners and causes them to operate.
When the side impact also exceeds a set level, the current from the SRS–ACC or IGN fuse flows to TERMINALS (A) 6, (C) 1, (A) 3, (C) 4, (A) 2 and (C) 5 of the center airbag sensor assembly to TERMINAL 1 of the side airbag squibs, the curtain shield airbag squibs and the pretensioners to TERMINAL 2 to TERMINALS (A) 5, (C) 2, (A) 4, (C) 3, (A) 1 and (C) 6 of the center airbag sensor assembly to TERMINAL (B) 27, (B) 28 or BODY GROUND to GROUND, causing the side airbag squibs, the curtain shield airbag squibs and the pretensioners to operate.
The airbag stored inside the steering wheel pad is instantaneously expanded to soften the shock to the driver.
The airbag stored inside the front passenger's instrument panel is instantaneously expanded to soften the shock to the front passenger.
Side airbags are instantaneously expanded to soften the shock of side to the driver and front passenger.
The curtain shield airbag can ease an impact on the head of the front and rear passengers and reduce risks of injury.
The pretensioners make sure of the seat belt restrainability.

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A10	32	C6 C	34	P14	39 (W/G)
A11	32	C9	34	P15	37 (S/D)
A24	34	C16	34		39 (W/G)
A25	34	C17	34	S11	37 (S/D)
B7	36 (S/D w/o Power Seat)	D5	34		39 (W/G)
	38 (W/G w/o Power Seat)	E3	32	S12	37 (S/D)
	40 (w/ Power Seat)	J5	35		39 (W/G)
B8	36 (S/D w/o Power Seat)	J13	36 (S/D)	S13	37 (S/D)
	38 (W/G w/o Power Seat)		38 (W/G)		39 (W/G)
	40 (w/ Power Seat)	J15	36 (S/D)	S14	37 (S/D)
C4 A	34	J16	36 (S/D)		39 (W/G)
C5 B	34	P14	37 (S/D)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1G	24	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
1H	24	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1J		
2A	26	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
2B		
2E	26	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
2G		
2H		
2J		
2L	26	Floor Wire and Passenger Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	42	Engine Wire and Engine Room Main Wire (Inside of the ECU Box)
IA3	44	Instrument Panel Wire and Engine Room Main Wire (Near the Driver Side J/B)
IG1	46	Instrument Panel Wire and Engine Room Main Wire (Near the Passenger Side J/B)
IG2		
IG3		
BG1	52	Floor No.2 Wire and Front Seat LH Wire (Under the Driver's Seat)
BH1	52	Floor Wire and Front Seat RH Wire (Under the Front Passenger's Seat)

: GROUND POINTS

Code	See Page	Ground Points Location
EB	42	Center Side of the Intake Manifold
EC	42	Left Fender Apron
ID	44	Cowl Side Panel LH
IH	44	Cowl Side Panel RH
BJ	48 (S/D)	Front Floor Panel LH
	50 (W/G)	
BK	48 (S/D)	Front Floor Panel RH
	50 (W/G)	
BL	48 (S/D)	Left Quarter Panel LH