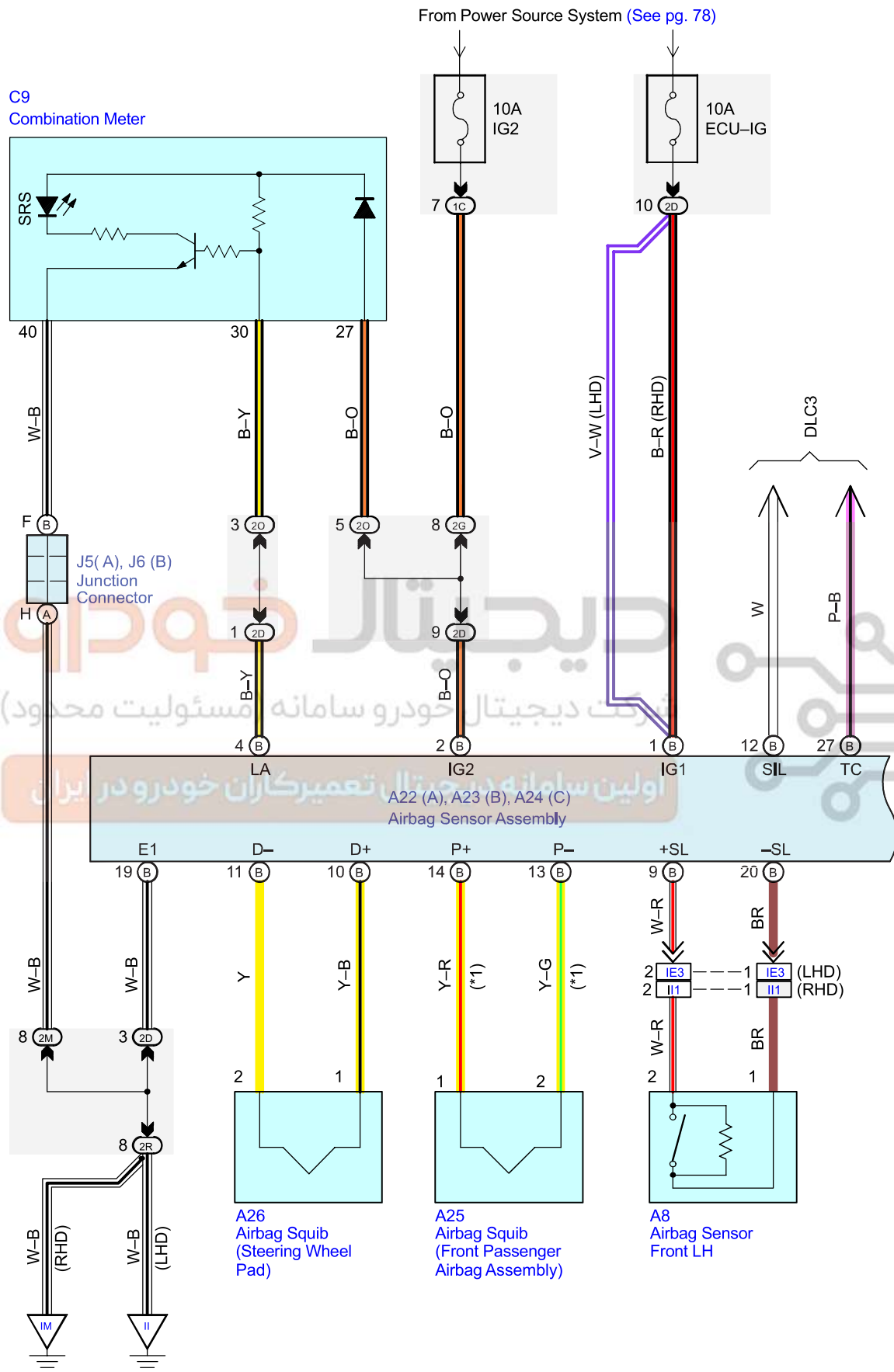
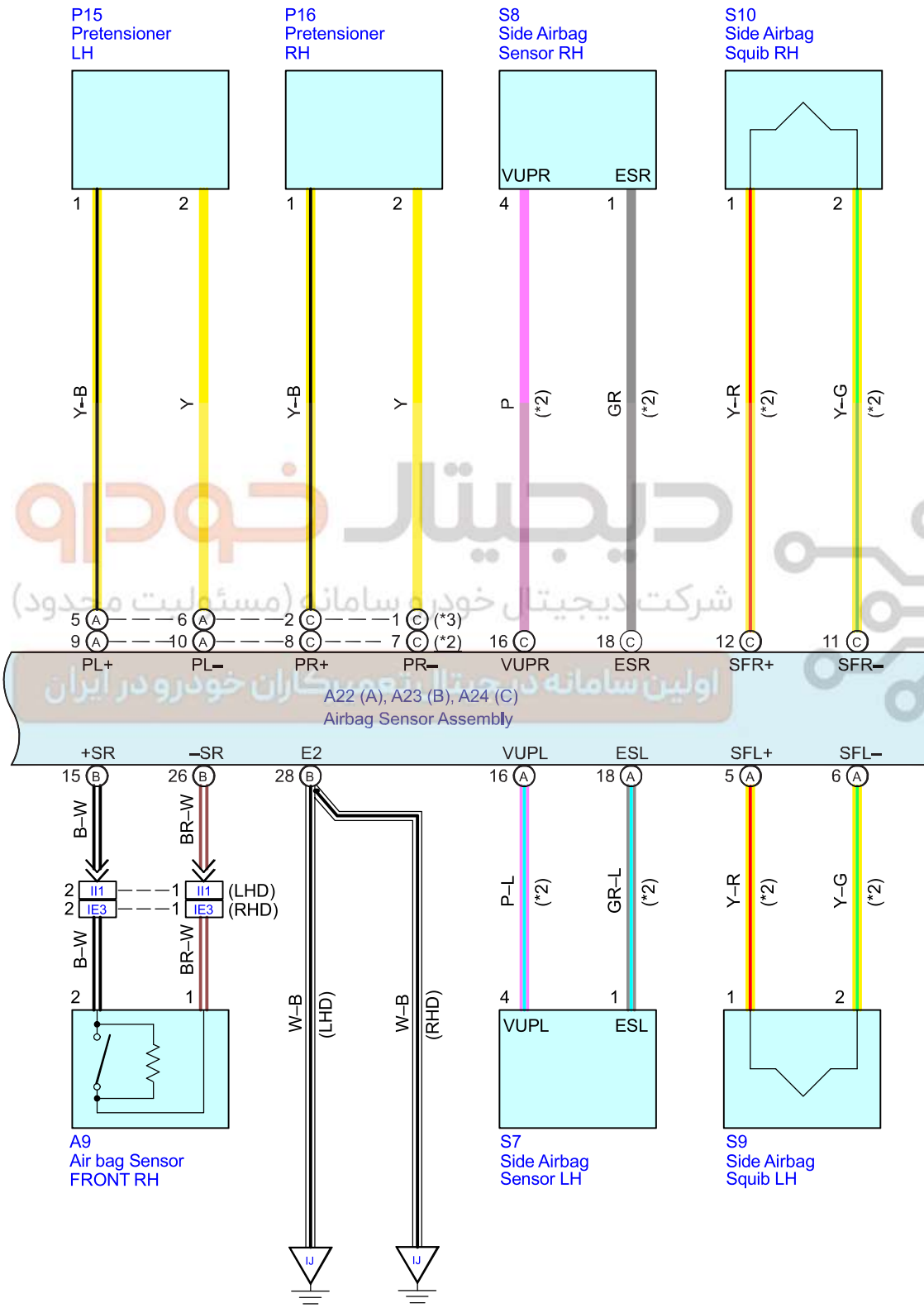


* 1 : w/ Front Passenger Airbag



* 2 : w/ Side Airbag
 * 3 : w/o Side Airbag



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 ON, the current from the ECU-IG fuse flows to TERMINAL (B) 1 of the airbag sensor assembly, and from the IG2 fuse to TERMINAL (B) 2 of the airbag sensor assembly.

If an accident occurs while driving, when the frontal impact exceeds a set level, the current from the ECU-IG or IG2 fuse flows to TERMINALS (B) 10, (B) 14, (B) 9, (B) 15, (A) 5, (C) 12, (C) 16 and (A) 16 of the airbag sensor assembly to the airbag squibs and the pretensioners to TERMINALS (A) 5, (C) 2 without side airbags and (A) 9, (C) 9 with side airbags of the airbag sensor assembly to TERMINAL (B) 19, (B) 28 or BODY GROUND to GROUND, so that current flows to the airbag squibs and the pretensioners and causes them to operate.

Moreover, the airbag sensor assembly detects whether the front passenger is seated or not and when not seated, the passenger's airbag will not be deployed.

When the side impact also exceeds a set level, the current from the ECU-IG or IG2 fuse flows to TERMINALS (B) 15, (B) 9, (A) 16 and (C) 16 of the airbag sensor assembly to the side airbag squibs and the curtain shield airbag squibs TERMINALS (A) 5, (C) 12, (B) 14 and (B) 10 of the airbag sensor assembly to TERMINAL (B) 19, (B) 28 or BODY GROUND to GROUND, causing side airbag squibs and curtain shield airbag squibs 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 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
A8	32 (LHD 1MZ-FE)	A24	C	36 (LHD)	P15
	42 (RHD 1MZ-FE)			46 (RHD)	49 (RHD)
	34 (LHD 2AZ-FE)	A25		36 (LHD)	P16
	44 (RHD 2AZ-FE)			46 (RHD)	49 (RHD)
A9	32 (LHD 1MZ-FE)	A26		36 (LHD)	S7
	42 (RHD 1MZ-FE)			46 (RHD)	49 (RHD)
	34 (LHD 2AZ-FE)	C9		36 (LHD)	S8
	44 (RHD 2AZ-FE)			46 (RHD)	49 (RHD)
A22	A	J5	A	37 (LHD)	S9
	46 (RHD)			47 (RHD)	49 (RHD)
A23	B	J6	B	37 (LHD)	S10
	46 (RHD)			47 (RHD)	50 (RHD)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	24	Engine Room Main Wire and Engine Room J/B
2D	26	Instrument Panel Wire and Driver Side J/B
2G	26	Engine Room Main Wire and Driver Side J/B
2M	26	Instrument Panel Wire and Driver Side J/B
2O		
2R		

 : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE3	55 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Right Side of Steering Column Tube)
	67 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of Steering Column Tube)
II1	58 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
	70 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)

 : Ground Points

Code	See Page	Ground Points Location
II	55 (LHD)	Instrument Panel Reinforcement LH
IJ	55 (LHD)	Instrument Panel Brace LH
	67 (RHD)	Instrument Panel Brace RH
IM	67 (RHD)	Instrument Panel Reinforcement RH

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

