

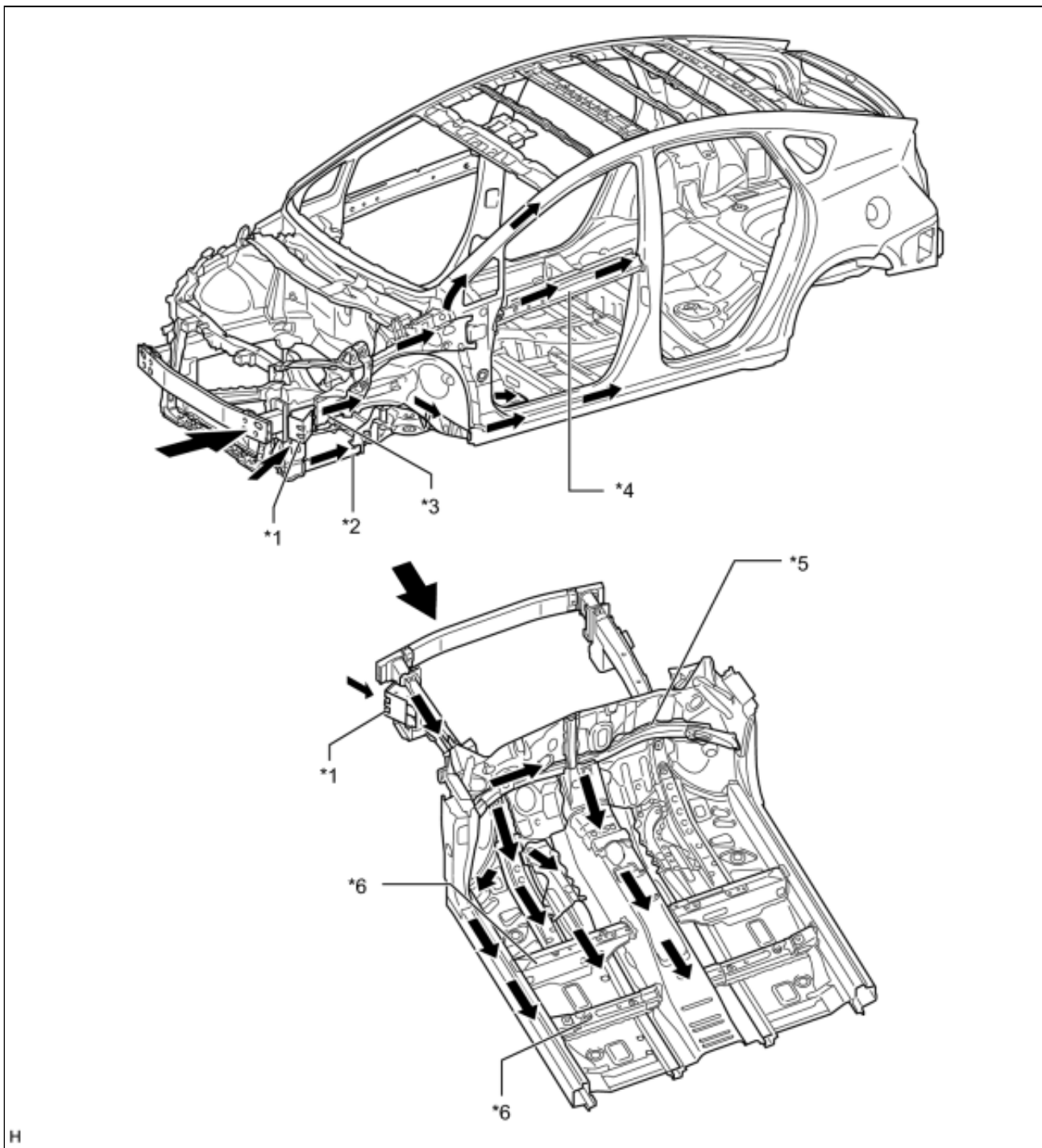
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Model Year: 2014	Model: Prius	Prod Date Range: [10/2013 -]
Title: EXTERIOR PANELS / TRIM: BODY STRUCTURE: DETAILS; 2014 MY Prius [10/2013 -]		

DETAILS

1. FUNCTION

(a) Impact Absorbing Structure for Front Collisions

- (1) The front side members utilize high strength sheet steel in a construction that absorbs and disperses energy in a frontal collision.
- (2) A spacer has been added to the left front side of the front side member. The spacer transmits to the front side member the impact received by the vehicle outside the front bumper reinforcement (on left side only).
- (3) The use of under members enables a construction that disperses load from the radiator supports.
- (4) Door beltline reinforcements have been strengthened to optimize dispersal of collision energy to the rail, door beltline, and rocker panel.
- (5) The use of a cross member in the dash panel enables a construction that disperses load from the front side members to the floor member and upper body.
- (6) The use of members on the front floor at the sides of the tunnel enables a construction that achieves tunnel strength and dispersal of load from the front side members.



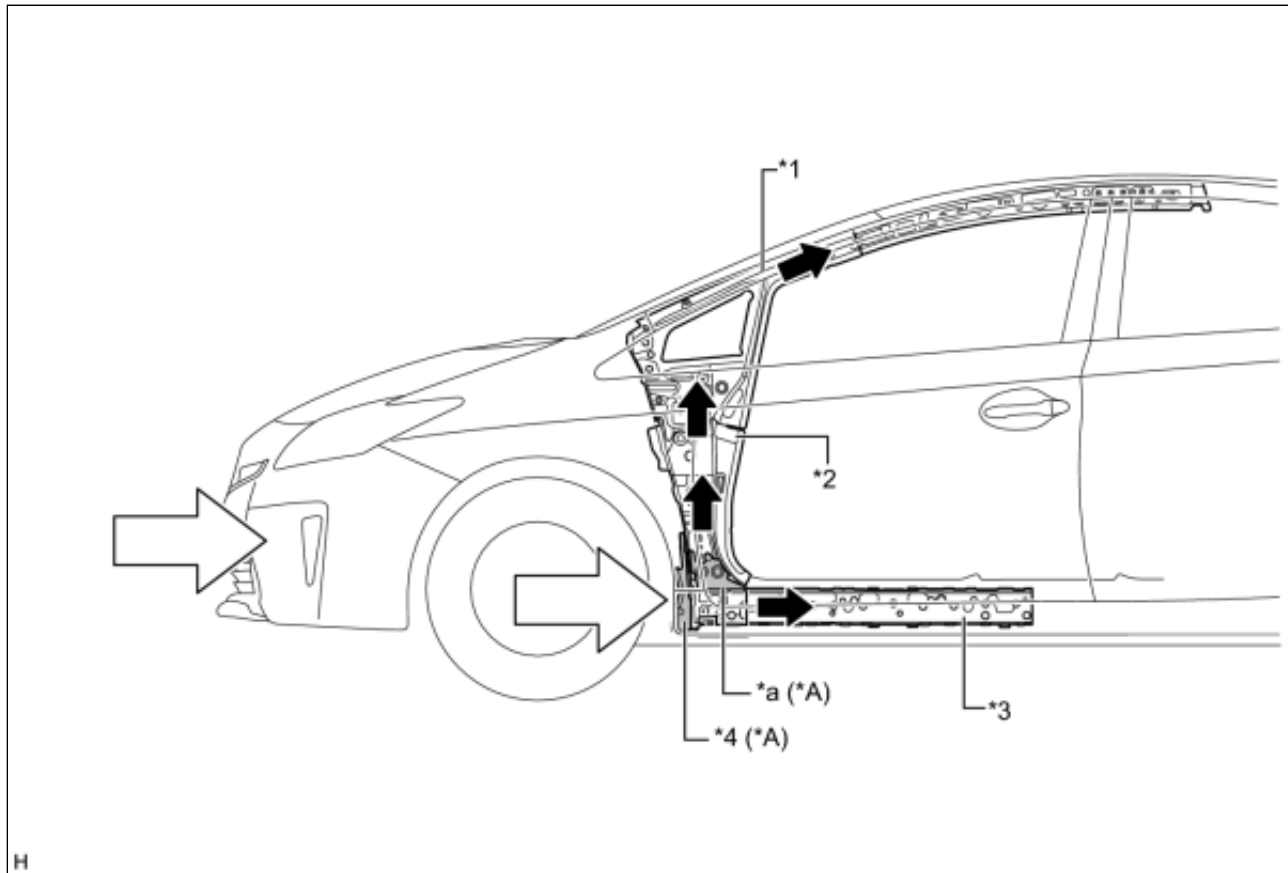
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*1	Spacer	*2	Under Member
*3	Front Side Member	*4	Front Door Beltline Reinforcement
*5	Cross Member of the Dash Panel (Front Panel Member Sub-assembly)	*6	Member at the Side of the Tunnel
	Path of Collision Energy	-	-

(7) A front body pillar extension sub-assembly has been added to the front end of the rocker panel

reinforcement. Therefore, impact force during a frontal collision can be absorbed at the front end of the rocker, suppressing vehicle body deformation around the cabin. (on Left Side)

(8) By installing an A-pillar lower patch, vehicle body deformation around the cabin caused by impact force during a frontal collision is suppressed (on left Side only).



Text in Illustration

*A	Left Side of Vehicle	-	-
*1	Front Pillar Reinforcement	*2	Beltline Reinforcement
*3	Rocker Panel Reinforcement	*4	Front Body Pillar Extension Sub-assembly
*a	A-pillar Lower Patch	-	-
⇒	Impact	➔	Impact Flow

(9) Impact absorbing pads with sound absorbing performance are installed from the lower surface of the dash panel to the front of the floor as a measure to reduce leg injury in a collision.

(10) The thickness of the No. 2 dash panel insulator pad has been increased, reducing by shock to an occupant's leg at the frontal collision.