

2026 Student Self-Built Vehicle Competition



Baja Student Korea Vehicle Technical Regulation Technical Inspection Sheet

Entry No.		E-baja	Unmodified	Modified	School Name	
Team Name					Advisor Professor	
Team Leader Name					Vehicle Name	
Driver Name	1		2		3	
Vehicle Specification	Lengh	mm x	Width	mm x	Height	mm
						Vehicle Weight
						Kg
* Important Notes (*Orange sections are to be completed by inspectors) 1) Teams must check all requirements specified in this regulation in advance and complete their own vehicle inspection before the official technical inspection. 2) This form is used to certify that the vehicle inspected is identical to the vehicle participating in the competition. After passing inspection, it will be retained by the organizing committee. 3) The vehicle must be prepared so that all inspection items below receive an "O" mark in the Judge column. 4) The roll cage specification sheet (Baja Vehicle Technical Regulation [Appendix 1]) and test certificate must be brought and submitted during vehicle inspection. 5) The initial vehicle inspection will be conducted until 17:00. Vehicles that fail to pass the final inspection will be disqualified and cannot participate further in the competition. 6) If issues found during the initial inspection are corrected immediately, no penalty will be applied. If corrections are made and the vehicle undergoes re-inspection, 50% of the penalty points will be applied. 7) If issues are not corrected, 100% of the penalty points for each item will be applied. If the total deduction exceeds 150 points, the vehicle will be disqualified. 8) For detailed Baja vehicle technical regulations, refer to the website resources and announcements.						
Document	Required Documents			Team (Self Check)	Submission Confirmation ("O" when confirmed)	
Submission	Roll Cage Specification Sheet (including test certificate)					
Confirmation	Safety Operation Report					
	E-Baja Specification Sheet (System Specification)					
Vehicle Check-in Order No.		Final Inspection Pass Inspector Name			Pass Time	

<1.Weight Inspection>

No.	Section	Rule (Weight Inspection 1/1)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
1	Artide 3-1	Single-seat vehicle, vehicle with four or more wheels not arranged in a single line				Disqualification
2	Artide 4-1	The maximum vehicle width must not exceed 1,600 mm. / Front and rear bumpers are prohibited				Disqualification (40)
3	Artide 4-3	The weight (curb weight) of an unmodified vehicle must be over 180 kg and not exceed 270 kg				Disqualification (40)
4	Artide 4-4	The weight (curb weight) of a modified vehicle must be over 210 kg and not exceed 290 kg				Disqualification (40)
5	Artide 5-1	Tires may be freely selected and used by each participating team				-
6	Artide 5-2,3	Any modification of tires or attachment of additional devices is prohibited / Only metal wheels are allowed				Disqualification (40)
7	Artide 5-4	Severely worn tires or tires not considered to be in normal condition are not permitted				Disqualification (40)
8	Artide 5-5	Wheel outer diameter must be 13 inches or less				Disqualification (40)
9	Artide 33-1	Engine must be a 4-stroke gasoline engine with displacement of 125 cc or less / Imported engines are classified as Modified Class				Disqualification (100)
10	Artide 33-3	Vehicle is classified as Modified Class if the compressor, carburetor, ECU, fuel pressure regulator, intake port, exhaust port, or ignition timing control is not in stock condition				Disqualification (100)
11	Artide 16-2	When using pipes different from those specified in Article 16-1, an eligibility evaluation report must be submitted to the organizing committee				Disqualification (60)
1. Weight Inspection Result		Weight Inspection Pass Inspector Name		Pass Time		

<2.Driver Safety Inspection - Vehicle Check-in with the Tallest Driver Seated>

- Wear protective equipment (helmet, goggles, gloves, shoes)
- Wear safety harness (including arm restraints)
- Enter inspection area with safety harness securely tightened without looseness (Inspection will not proceed if not properly secured)

No.	Section	Rule (Safety Inspection 1/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
1	Artide 21-1	Safety harness must be a detachable 4-point type. Lap belt and shoulder belt must share one release mechanism, with metal-to-metal quick-release buckle. (H-type harness not allowed)				Disqualification (50)
2	Artide 21-2	Only harnesses where all belts connected to each mounting point can be released by quick release are allowed (except Crotch strap). Each belt must be easily adjustable in length.				40(20)
3	Artide 21-3	Shoulder and lap belt width must be at least 40 mm				Disqualification (50)
4	Artide 21-5	Drilling holes in roll cage pipes to attach belt tabs is not allowed. Belts must be mounted using bolts/nuts with brackets of at least 2t thickness welded in the same direction as belt tension, or using eye bolts (Refer to Fig.3)				40(20)
5	Artide 21-7	Shoulder belts must be mounted within 10° below the driver's shoulder height (Refer to Fig.4(1))				40(20)
6	Artide 21-8	If shoulder belt mounting points are located at the lower part of the vehicle, belts must wrap around a rigid round pipe at shoulder height. Belt movement on the pipe must be restricted.				10(5)
7	Artide 21-9	Distance between shoulder belt mounting points must be within 180–230 mm (Refer to Fig.4(2))				10(5)
8	Artide 21-10	Distance from shoulder belt mounting point to driver's shoulder must not exceed 200 mm. If mounted at vehicle lower section, distance from wrapping pipe to shoulder must not exceed 200 mm.				10(5)
9	Artide 21-11	If the seat cannot securely hold the driver or driver's upper body angle is less than 60° from the ground, an anti-submarine belt must be added (Refer to Fig.4(2))				40(20)
10	Artide 21-12	Lap belt mounting points must be positioned behind the driver's hip at an angle of 45–60° from the horizontal line and connected through the seat via quick release				10(5)
11	Artide 21-12	Quick release (buckle, latch, etc.) must be located below the driver's navel height				10(5)
12	Artide 21-14	Crotch strap must be mounted at least 20° rearward from driver's upper body direction. Distance between two mounting points must be 200–250 mm				10(5)
13	Artide 21-15	All belts must not interfere with sharp edges				10(5)
14	Artide 22	Dedicated driver seat required (rigid backrest). Seat must support driver laterally. Driver's waist, shoulders, and thighs must not contact frame structures when harness is fastened. If firewall is used as seat back, rigid structure must support shoulder area.				100(50)

No.	Section	Rule (Safety Inspection 2/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
15	Article 26-2,5	Arm restraints are mandatory for driver protection (not required if side and upper areas are fully enclosed with nets, doors, etc.)				Disqualification (10)
16	Article 26-3	Arm restraints must prevent driver's hands from extending outside the vehicle frame during rollover. Driver must be able to operate all required switches while wearing restraints (horn, start button, etc.)				50(25)
17	Article 26-4	Arm restraints must share the safety harness release mechanism and be removable at once				10(5)
18	Article 26-6	Arm restraints must be attached to forearms and length adjustable				Disqualification (10)
19	Article 27-1	Driver must be able to exit vehicle within 5 seconds in any direction (Escape time shall be measured in the direction with greater difficulty due to vehicle structures)				Disqualification
20	Article 4-2	Minimum ground clearance must be at least 150 mm (with driver seated)				Disqualification (40)
21	Article 23-1~5	Only off-road helmets are allowed / Chin strap required / Separate goggles required / Helmet size must be checked / Damaged helmets are not allowed				Disqualification (10)
22	Article 24-2	Driver must wear long-sleeved top and long pants. Wrists and ankles must not be exposed (Fire-resistant material recommended)				Disqualification (10)
23	Article 24-3	Driver gloves with holes are prohibited. Leather gloves are not allowed (Fire-resistant material recommended)				Disqualification (10)
24	Article 24-4	Fire-resistant shoes are recommended. Ankles must not be exposed				Disqualification (10)
25	Article 24-5	Hair extending outside the helmet must be covered or secured to prevent entanglement with vehicle parts and protection from fire				Disqualification (10)
26	Article 25-1	Panels separating the driver from the front and sides must be firmly installed without gaps. Floor panels must be metal only (Steel ≥ 1.2 mm, Aluminum ≥ 2.0 mm)				40(20)
27	Article 25-2	Bolted fastening is recommended for floor panels. Panels must be structurally secured to prevent tearing or detachment when contacting ground obstacles during driving				10(5)
28	Article 26-1	Protective metal panels or equivalent must be installed to separate driver's feet from linkages, tubes, or possible failures				10(5)
29	Article 49	Recording devices may be installed; however, they must not obstruct driver visibility or be mounted within the driver's body/movement area. Devices must be fixed using brackets				10(5)

No.	Section	Rule (Safety Inspection 3/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
30	Article 29-1,6	Master switch must be a mechanically operated switch. External master switch must be a key-type mechanical switch only (Refer to Fig.8 of Technical Regulations)				40(20)
31	Article 29-2,3	Each vehicle must have two master switches, and they must be able to stop all power sources including engine and motor (Common for C/H/E Baja). (Location: one within driver's reach and one near the main roll hoop on the driver's right side)				Disqualification (40)
32	Article 29-5	Master switch must be easily identifiable with a red or orange colored head				10(5)
33	Article 29-8	Master switch must not only stop the vehicle but also cut off (kill) power to all electrical devices. (Except horn, brake light, and vehicle identification lights) Power must be disconnected when the key is removed. (Horn, brake light, and vehicle identification lights must remain operational at all times)				Disqualification (40)
34	Article 29-9	A visual indicator must be installed to confirm power cut-off (kill) status. (Example: green light ON when power is connected, light OFF when killed, allowing external confirmation)				40(20)
35	Article 7-4	Red brake light required. Minimum area: 30 cm ² , with at least one LED per 100 mm ² . (Must operate regardless of master switch status)				Disqualification (40)
36	Article 8-2	When the safety harness is fastened, clearance between the lower part of MHB and driver's helmet must be at least 150 mm. From the side view, vertical clearance between the lower part of MHB and driver's helmet must be at least 100 mm. (Based on the tallest driver)				Disqualification (40)
37	Article 8-3	Roll cage must provide at least 80 mm clearance from driver's chest, knees, shoulders, elbows, hands, arms, etc.				40(20)
38	Article 17-2	Head impact pad must be made of elastic materials such as Styrofoam or sponge. Minimum area: 240 cm ² , thickness: at least 40 mm, distance from helmet: 25 mm or less. (Bucket seat exception applies)				10(5)
39	Article 17-3	Head impact pad must be securely attached to the vehicle				10(5)
40	Article 18	Areas where the helmet may contact must be padded with Styrofoam, sponge, or equivalent material with minimum thickness of 10 mm				10(5)
2. Safety Inspection Result		Safety Inspection Pass Inspector Name		Pass Time		

<3. 전기/연료 검사>

No.	Section	Rule (Electrical / Fuel Inspection 1/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
1	Artide 7-6	Brake light height must be higher than the rear axle and not exceed 700 mm from the ground				20(10)
2	Artide 7-8	Brake light must have sufficient waterproof and dustproof performance. (Vehicle will be immediately excluded from the competition if the brake light fails during operation)				Disqualification (20)
3	Artide 31-1	Electronic horn with sound level of at least 60 dB must be installed and operational				40(20)
4	Artide 44-1	Vehicle identification lights must be installed. Minimum area: 25 cm ²				Disqualification (20)
5	Artide 44-2~6	Lights must be visible from both front and rear / Must operate continuously while driving / Color must be red and flash at 0.5~1 Hz / Both front and rear lights required				20(10)
6	Artide 44-7	Front and rear flashing lights must be positioned higher than the minimum axle height and not exceed 700 mm from the ground				20(10)
7	Artide 44-8	Flashing lights must have sufficient waterproof and dustproof performance. (Vehicle will be immediately excluded from the competition if lights fail)				20(10)
8		Fire extinguishers must not be mounted on the vehicle				

No.	Section	Rule (Electrical / Fuel Inspection 2/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
9	Artide 35-1	For chain drive systems, the chain guard must be made of steel plate with a thickness of at least 1.5 mm (other materials not allowed). The guard width must be at least three times the chain width. The guard must cover the outer rotating side of the chain. Perforated materials are not allowed.				40(20)
10	Artide 35-2	For belt drive systems, the belt guard must have a thickness of at least 1.5 mm and the width must be at least twice the belt width				20(10)
11	Artide 35-3	All guards must be secured using bolts with a diameter of at least 6 mm				10(5)
12	Artide 35-4	Finger guards must be installed on all power transmission systems				20(10)
13	Artide 35-5	Driver must be protected from moving components such as drive shafts, belts, chains, sprockets, etc.				20(10)
14	Artide 28-1	Firewall made of metal plate (minimum thickness 0.6 mm) must be installed				Disqualification (40)
15	Artide 28-2	The main firewall behind the driver must completely separate the area between the upper LC and lower LC of the MRH (Refer to Fig.7)				Disqualification (40)
16	Artide 28-3	Fuel system must be separated by a fuel firewall to prevent contact with high-temperature components				Disqualification (40)
17	Artide 28-4	Any holes (5 mm or larger) in the firewall metal plate must be sealed with non-flammable material				20(10)
18	Artide 28-4	If any part of the belt exists within the engine compartment, an additional firewall for belt protection must be installed				Disqualification (20)
19	Artide 28-5,6,7	If the engine is located at the front or middle section of the vehicle, the fuel tank must be separated by an additional firewall. If the engine and fuel tank are located in different compartments, both areas must have firewalls. (For E/H Baja, firewall installation is required when high-temperature components exist)				60(30)
20	Artide 28-8	For E/H Baja, a firewall must be installed to protect the driver from hot coolant leakage or failure				Disqualification (40)
21	Artide 28-9	Components attached to the firewall must be securely mounted				20(10)
22	Artide 36-1	Removal of the muffler or any internal muffler components used to control exhaust pressure is prohibited				40(20)
23	Artide 36-2	Exhaust system must be securely mounted to the vehicle				10(5)
24	Artide 36-3	Exhaust pipe direction must prevent exhaust gases from entering the driver area, and the cockpit must be isolated				10(5)
25	Artide 36-4~6	Exhaust pipe length must not exceed the vehicle body boundary / Exhaust end must be within 700 mm from the ground / All exhaust sections must be insulated				40(20)

No.	Section	Rule (Electrical / Fuel Inspection 3/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
26	Artide 39-1	Fuel tank is recommended to be mounted at the lowest possible position of the vehicle. Fuel tank capacity must be at least 4 L and not exceed 8 L				100(50)
27	Artide 30-2	Fuel tank must be installed outside the driver compartment and separated from the engine or exhaust system. Fuel tank must prevent fuel leakage in case of vehicle rollover. Fuel filler cap must be securely installed to function properly during driving and rollover				20(10)
28	Artide 39-3	Fuel lines must be separated at least 100 mm from exhaust pipes (fuel firewall required if less than 100 mm). Fuel system must be located inside the vehicle envelope (Refer to Fig.13, p.14 of Technical Regulations)				20(10)
29	Artide 39-4	Fuel filler must protrude outside the roll cage (However, it must remain within the vehicle envelope)				20(10)
30	Artide 39-5	Clamps must provide 360-degree coverage. Worm gear clamps are allowed only when protected with plastic, rubber, or equivalent material to prevent damage				10(5)
31	Artide 39-7	If the fuel tank is located above the engine compartment, a drip pan must be installed. It must also serve as a metal heat shield. (Fuel collected in the drip pan must be able to drain outside through a connected hose while stationary)				10(5)
32	Artide 39-8	Fuel tank must be securely mounted with a structure capable of absorbing vehicle vibration (Refer to Fig.13 of Technical Regulations)				40(20)
33	Artide 39-9	A fuel-resistant transparent hose must be installed on top of the fuel tank or filler to check fuel level. It must be installed vertically with a length of at least 125 mm and positioned where fuel level can be visually checked during refueling				40(20)
34	Artide 39-10	No components that interfere with safe refueling are allowed around the fuel filler				40(20)
35	Artide 39-11	Inner diameter of the fuel filler must be at least 30 mm				100(50)
36	Artide 39-12	The highest point of the fuel filler must be within 1,200 mm from the ground				40(20)
37	Artide 40-1	If the filler is located above high-temperature components, a drip pan must be installed to prevent fuel leakage during refueling				10(5)
38	Artide 40-23	Drip pan must be installed under the fuel tank and equipped with a drain hose to prevent overflow of collected fuel				20(10)
39	Artide 40-2	Engine air cleaner (intake filter) must be installed with a filtering element (filter) of 1 mm or smaller securely fixed				20(10)
3. Electrical/Fuel Inspection Result		Electrical/Fuel Inspection Pass Inspector Name		Pass Time		

<4. 차제 구조 검사>

No.	Section	Rule (Vehicle Structure Inspection 1/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
1	Article 6-2	Major steering system components must have loosening prevention measures. (Steering failure may be determined if abnormal play in steering components causes loss of steering function, serious defects, or insufficient structural rigidity)				40(20)
2	Article 6-3	Major suspension components must have loosening prevention measures. Gear shift lever must be installed inside the driver compartment				10(5)
3	Article 6-4	Hub center bolts must use mandatory loosening prevention devices to prevent wheel separation (Nord-Lock washers allowed). The loosening prevention device must mechanically prevent separation as shown in Fig.0 of the regulations. Nylon nuts or spring washers alone are not permitted.				40(20)
4	Article 6-5	Gear shift lever must be installed inside the driver compartment and must not protrude outside the frame				40(20)
5	Article 6-6	At maximum steering angle, there must be no interference between wheels, tires, brakes, and other components. A steering limiter must be installed				40(20)
6	Article 6-7	Steering limiter must be installed to prevent excessive steering angle				20(10)
7	Article 6-8	Steering wheel must have a nearly circular closed-loop shape				20(10)
8	Article 6-9	Suspension must have at least 50 mm of downward travel. At maximum travel, components or structures must not contact the ground. Vehicle controllability and stability must not be lost due to excessive bump steer				20(10)
9	Article 7-1	Brake system must apply braking force to three axles or all four wheels simultaneously				Disqualification (40)
10	Article 7-3	Plastic brake tubes are prohibited. Major brake system components must have loosening prevention measures				Disqualification (20)
11	Article 7-3	Major brake system components must have loosening prevention measures to prevent fastened parts from coming loose				20(10)

No.	Section	Rule (Vehicle Structure Inspection 2/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
12	Artide 9-1	Roll cage must comply with the pipe specifications in Article 16-1 (MRH, MHB, MFB, MRB, SIM) – 25mm(outer diameter), 1.8t				Disqualification (40)
13	Artide 9-2	Carbon steel pipes with minimum outer diameter of 25 mm and thickness of 0.9 mm must be used (LSIM, LC, FLC, safety harness mounting and support pipes)				Disqualification (40)
14	Artide 10-1,2,3	MRH (Main Roll Hoop) must consist of a maximum of four sections (upper/lower and left/right sections). Welding is allowed only at AR, BR, BL, and AL points				Disqualification (40)
15	Artide 10-4,5	Driver seat must not extend beyond the MRH plane / MRH angle must be within $\pm 20^\circ$				Disqualification (40)
16	Artide 10-6	Vertical distance between the lowest point of the driver seat and SIM must be at least 200 mm when viewed from the side (The structure must protect the driver inside the vehicle frame during impact)				Disqualification (40)
17	Artide 11-1	MHB must connect from a point within 50 mm vertically and horizontally from point B of the MRH to point C				40(20)
18	Artide 11-2	MHB must be at least 1,000 mm above the driver seat bottom surface				100(50)
19	Artide 11-3	CR and CL points must be connected by LC				40(20)
20	Artide 13-1	MFB must connect to MHB, SIM, and LSIM. Upper MFB (MFBup) must be a continuous pipe without intermediate welds and connect to MHB at point C and SIM MFB은 MHB, SIM, LSIM와 연결. 상부 MFB(MFBup)은 중간에 용접되어 있지 않은 연속적인 파이프로 MHB와 C점에서 연결되며 SIM과 연결.				30(15)
21	Artide 13-2	Lower MFB (MFBdown) must connect to SIM and LSIM				30(15)
22	Artide 14-1,2,3,4	MRH braces must be installed on both left and right sides / MRB must form a triangular (truss) structure (bending allowed) / MRB extension by welding or bolting is prohibited / If MRB is bent for installation, bending angle must not exceed 20°				100(50)
23	Artide 15-3	Frame must have no cracks or deformation				Disqualification (40)
24	Artide 16-1	Roll cage must use round carbon steel pipes (OD ≥ 25 mm, thickness ≥ 1.8 mm, yield strength ≥ 285 MPa, tensile strength ≥ 360 MPa)				Disqualification (40)
25	Artide 16-3,5	When using alloy steel for roll cage, minimum thickness must be 1.6 mm or more / Aluminum: 30 mm OD – 3t (yield ≥ 240 MPa, tensile ≥ 260 MPa)				Disqualification (40)
26	Artide 16-7	Inspection holes with diameter of 5 mm must be drilled and clearly marked for roll cage thickness inspection				20(10)
27	Artide 19	Sharp edges are prohibited (safe finishing required)				Disqualification (20)

No.	Section	Rule (Vehicle Structure Inspection 3/3)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
28	Article 20-2	Side bumpers are mandatory and must be located between the outer edge and the centerline of the tires when viewed from the top (Refer to Fig.2 of Technical Regulations)				20(10)
29	Article 20-2	When viewed from the side, the side bumper must be located 200–350 mm from the tire (Refer to dimension A in Fig.2)				20(10)
30	Article 20-4	When viewed from the side, the side bumper must be mounted within ± 75 mm from the tire centerline (Refer to dimension B in Fig.2)				40(20)
28	Article 20-5	Side bumper must be made of round pipe with minimum OD 25 mm and wall thickness 1.2 mm, or square tube of at least 25×25 mm with wall thickness 1.4 mm				40(20)
29	Article 20-6	Components that may cause fire or burn hazards during collision, such as fuel tanks and radiators, must not be installed on the side bumper				Disqualification (40)
30	Article 30-1,2,4,5	Tow hooks must be installed at both front and rear / Protrusion must be less than 80 mm (minimum inner clearance 40 mm, no breakable parts or objects allowed inside tow hook area). Installation height must be 350–500 mm with driver seated. Exception applies if LC can be used as an alternative				40(20)
31	Article 30-3	Tow hook must have minimum OD 25 mm and wall thickness 0.8 mm				40(20)
32	Article 30-2	At least two rearview mirrors (side mirrors) must be installed, one on each side				Disqualification (40)
33	Article 42-1	Vehicle numbers must be manufactured as 3-dimensional raised or recessed numbers and securely attached so they remain identifiable even when covered with mud (1. Maintain shape when wet / 2. Three numbers at designated positions 1 and 2 / 3. Each number: height ≥ 200 mm, width ≥ 100 mm / 4. Color must contrast with background / 5. Raised numbers must have thickness ≥ 15 mm)				Disqualification (40)
34	Article 42-4,5	Vehicle number must also be tilted rearward for visibility from the rear (If not visible, one additional number must be attached at the rear)				20(10)
35	Article 42-6	Sticker provided by the organizer must be attached to the front of the vehicle (mounting space must be secured)				20(10)
36	Article 43-1	A 100 mm × 100 mm space must be reserved at the front of the vehicle for the inspection approval sticker after passing vehicle inspection (attached at designated location)				-
37	Article 46	No components may interfere with wireless communication between the transponder and the ground. Holder must secure the transponder upright. It must be installed on the left side of the vehicle close to the ground and protected from obstacles during driving				Disqualification (40)
38	Article 48	Vehicles identical to those used in previous competitions are not allowed. Improvements must be made in design and manufacturing process (improvements must be included in the design report)				Disqualification
39	Article 50	When aerodynamic devices are installed: (1. Driver visibility must not be affected / 2. No sharp edges / 3. Vehicle number visibility must not be affected / 4. Must be securely mounted using bolts and nuts; temporary fixing methods such as bonding or taping are not allowed)				Disqualification (20)
4. Vehicle Structure Inspection Result		Vehicle Structure Inspection Pass Inspector Name		Pass Time		

<5. E/H baja 검사>

No	Section	구분	Rule (E/H Inspection 1/2)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
1	Artide 51-2	E-Baja	Rated power of E-Baja must not exceed 20 kW				DQ(40)
2	Artide 51-4	E-Baja	Maximum battery capacity: up to five 12 V-100 Ah lead-acid batteries or equivalent energy capacity				DQ(40)
3	Artide 51-6	E-Baja	Maximum voltage must not exceed 80 V				DQ(40)
4	Artide 52-2	H-baja	Engine must be a 4-stroke type with displacement of 125 cc or less				DQ(40)
5	Artide 52-3	H-baja	Motor power must not exceed 10 kW				DQ(40)
6	Artide 52-4	H-baja	Maximum battery capacity: up to five 12 V-40 Ah lead-acid batteries or equivalent energy capacity				DQ(40)
7	Artide 52-6	H-baja	Maximum voltage must not exceed 80 V				DQ(40)
8	Artide 52-7	H-baja	Fuel tank capacity must not exceed 3 L				DQ(40)
9	Artide 52-8	H-baja	Fuel tank requirements must comply with Article 40 of Technical Regulations except for capacity requirements				DQ(40)
10	Artide 51,52-5	Common	BMS or PCM must be installed. Component specifications (motor/controller/battery/BMS) must be provided during inspection				DQ(40)
11	Artide 53-1	Common	All terminals and wires must not exceed allowable current ratings and must be safely protected from short circuits. All terminals including battery terminals, controller, and motor terminals must be individually waterproofed and protected with non-conductive caps made of rubber, plastic, or equivalent materials. Protection using only insulating tape or silicone is not accepted.				40(20)
12	Artide 53-2	Common	Terminals must be protected with insulation covers or equivalent protection to prevent exposure, and must be securely fixed without looseness				40(20)
13	Artide 53-3	Common	Waterproof connectors or waterproof treatment are required				40(20)

No	Section	구분	Rule (E/H Inspection 2/2)	Team (Self Check)	Initial Pass (Mark "X" if failed)	Recheck Pass (Mark "O" if Passed)	Penalty (Recheck penalty)
14	Artide 53-4	Common	Battery mounting must include a vibration-absorbing structure				40(20)
15	Artide 53-5	Common	If the battery weight exceeds 10 kg (single package), it must be mounted using at least four M6 or larger bolts				DQ(40)
16	Artide 53-6	Common	Batteries must not be mounted inside the driver compartment regardless of battery type				40(20)
17	Artide 53-7	Common	An isolation structure must be installed to protect the driver from leakage, fire, and explosion				20(10)
18	Artide 53-7	Common	Battery specifications must be identifiable (cover must be removable/openable for inspection)				20(10)
19	Artide 53-7	Common	Battery replacement must be easy (risk of damage or short circuit during replacement must be significantly minimized)				DQ(40)
20	Artide 53-9	Common	If the battery is mounted on the side, it must be located inside the side bumper area (Refer to Article 20-5)				DQ(40)
21	Artide 53-10	Common	Batteries weighing more than 10 kg must not be mounted higher than the driver's shoulder height				DQ(40)
22	Artide 53-11	Common	Participation in the official test must be confirmed				Disqualification
23	Artide 53-12	Common	Traction motor wiring must not be routed inside the driver compartment even if insulated				20(10)
24	Artide 53-13	Common	Specifications of motor, battery, BMS, and inverter (controller) must be submitted to the competition office at least 60 days before the competition				Disqualification
25		Common	Identification information of major components (motor/battery/controller), such as product name or specification labels, must be visually identifiable				20(10)
26	Artide 29-7	Common	For E/H Baja vehicles, the external master switch must follow the example shown in Fig.8. The power cut-off circuit must be configured as a low-voltage (12 V) circuit, and high-voltage power for motor operation must be disconnected through a relay. Direct connection of high voltage to the master switch for power cut-off is not allowed				DQ(40)
5. E/H Inspection Result			E/H Inspection Pass Inspector Name		Pass Time		

memo			
team		judge	