



**“READING” CLASSIC II™**  
**STANDARD ALUMINUM BODY SPECIFICATIONS**  
**MODELS: ALC-8241, ALC-8846, ALCS-8241, ALCS-8846 SINGLE WHEEL**

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1. **Understructure:**
  - A. Front crossmember .190 (3/16") 5052-H32 Aluminum Channel floor width
  - B. Rear crossmember .190 (3/16") 5052-H32 Aluminum Channel floor width
  - C. .190 (3/16") 5052-H32 Aluminum full width channel crossmembers fore & aft of the wheelhouse panel
  - D. Center frame reinforcement
    - a. (3) - .190 (3/16") 6061-T6 Aluminum extruded channel full length longitudinal reinforcements
  
2. **Floor:**
  - A. .125 (1/8") 3003-H22 Aluminum Tread Plate
  
3. **Doors:**
  - A. Double panel construction, 1-1/4" thick
  - B. Exterior panel .063 (16 ga.) 5052-H32 Aluminum
  - C. Interior panel .063 (16 ga.) 5052-H32 Aluminum
  - D. Full length aluminum hat section reinforcement between panels, spot welded to the inner door panel and urethane-bonded to the exterior door panel
  - E. Nitrogen strut door holders with internal dampeners on vertical doors. Holds door at 90 degree open position with adjustment to 95 degree opening
  - F. Plated chain supports on all horizontal doors
  
4. **Door Seals: (Dual Pro®)**
  - A. 1st – 5/8" Wide automotive quality bubble type seal with a high bond PSA heat-sealed backing mounted on door to keep dust and water out of compartment and prevent metal to metal contact between door and door frame
  - B. 2nd - Full double panel door construction having die-formed v-channels that mesh with vertical and horizontal door frame baffles to direct water away from compartment
  
5. **Locks:** (Lock Cylinders guaranteed for life of body to original purchaser)
  - A. Riveted into doors - 8 rivets with rubber sealing gasket under lock flanges
  - B. Complete polished stainless steel rotary action for maximum corrosion protection
  - C. Key locking: Automotive quality, double bitted lock cylinder with O-ring seal to prevent high-pressure spray from entering compartment
  - D. Paddle type, free wheel in locked position for greater security
  - E. Interior removable lock cover to prevent loose items from jamming or damaging the lock mechanism
  
6. **Door Hinges: (Removable & Adjustable) (Patent Pending)**
  - A. Hidden hinge which allows door to lap door frame on all (4) sides
  - B. 10 Gauge zinc-plated steel with ¼" stainless steel pins at pivot points
  - C. Does not require frequent lubrication or maintenance and hinges are not exposed to the elements
  - D. Securely bolted in place
  
7. **Striker Pin:**
  - A. Adjustable
  
8. **Body Sides:**
  - A. .090 (12 ga.) 5052-H32 Aluminum
  
9. **Front Bulkhead:**
  - A. .090 (12 ga.) 5052-H32 Aluminum
  - B. Solidly welded in place
  - C. Die-formed reinforcing rib
  - D. .125 (1/8") 3003-H22 Aluminum Tread Plate reinforced
  
10. **Front Panels:**
  - A. .090 (12 ga.) 5052-H32 Aluminum flanged design



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11. **Second Front Partitions:**  
A. .090 (12 ga.) 5052-H32 Aluminum
12. **Front Compartment Base:**  
A. .090 (12 ga.) 5052-H32 Aluminum
13. **Horizontal Compartment Base:**  
A. .090 (12 ga.) 5052-H32 Aluminum
14. **Wheelhouse Panel:** (Flush Type)  
A. .090 (12 ga.) 5052-H32 Aluminum with bottom flange turned in for stiffness
15. **Second Rear Partition:**  
A. .090 (12 ga.) 5052-H32 Aluminum
16. **Rear Compartment Base:**  
A. .090 (12 ga.) 5052-H32 Aluminum
17. **Rear Panels:**  
A. .090 (12 ga.) 5052-H32 Aluminum flanged design
18. **Slam-Action Tailgate:**  
A. Double panel construction  
B. Exterior and interior panels - .090 (12 ga) 5052-H32 aluminum  
C. .125 (1/8") 3003-H22 aluminum tread plate reinforced, inside  
D. Tailgate supports and mounting brackets  
a. 1 ¼" wide x 11 gauge stainless steel removable knee braces, (1) each side (knee braces are hidden away when gate is closed by a unique channel shaped pocket)  
b. Locking rods, hinge rods and striker channels are all stainless steel  
c. Pickup bed style release handle in top center of gate with polished stainless steel cover
19. **Shelving:** (250 lb. static load capacity)  
A. 18 gauge G60 Minimum Spangle Galvanized Steel  
B. Removable, lock in place  
C. Slotted on 2-inch centers for dividers
20. **Dividers:**  
A. 18 gauge G60 Minimum Spangle Galvanized Steel – (32) dividers in side compartments and (30) additional dividers in spacemaker top compartment models
21. **Aluma-Fill®**  
A. Aluminum gas fill box (supplied loose)
22. **Light Guards:**  
A. Welded inside rear panels with large wiring access holes
23. **Spacemaker Lids:**  
A. .090 (12 ga.) with .090 (12 ga.) 5052-H32 Hat Section reinforcement under lid  
B. (2) Gas prop supports; (1) each end  
C. (2) Rotary action locking devices, (1) each end, with key-locking push button release accessible from horizontal compartment
24. **Spacemaker Compartment Base:**  
A. .063 (16 ga.) 5052-H32 Aluminum  
B. Full Length .090 (12 ga.) 5052-H32 Aluminum longitudinal header



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25. **Primer:**  
A. 12 stage automotive electro-cathodic immersion prime paint system (Reading's exclusive acrylic e-coat system conforms to all current state and federal environmental regulations.)
26. **Undercoating:**  
A. Entire understructure undercoated  
B. Undercoating used:  
a. Monsey 2.7 Low VOC Solvent Base Sound Sealer.
27. **All Body Parts Are Electrically Welded Into One Integral Unit.**