

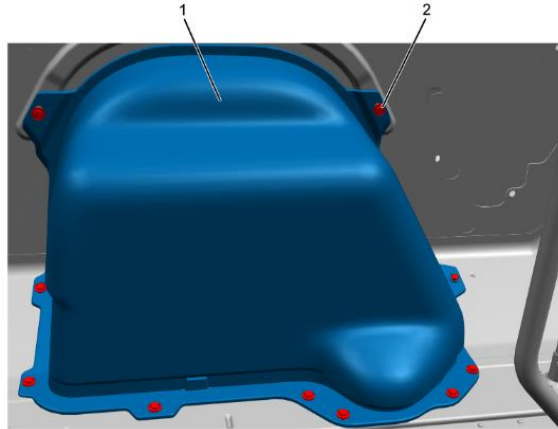
Engine Cover Assembly Removal

Introduction

Removal of the engine cover assembly for replacement and repairs of engine cover, engine, or transmission.

Figure: Engine Cover Assembly Location

1. Engine cover assembly
2. M6 bolt (10)



Warning: To prevent personal injury and / or death, or damage to property, turn Key OFF and allow system to power off, before performing maintenance on vehicle components.

Warning: To prevent personal injury and / or death, always wear safe eye protection with side shields when performing vehicle maintenance.

Warning: To prevent personal injury and / or death, allow engine to cool before removing components.

Warning: To prevent personal injury and / or death, or damage to property, always disconnect the ground battery terminal first, then the positive cable. When reconnecting the battery cables, connect the positive cables first, and then reconnect the negative cables. Failure to follow this warning may result in a direct battery short, which is a fire or explosion hazard.

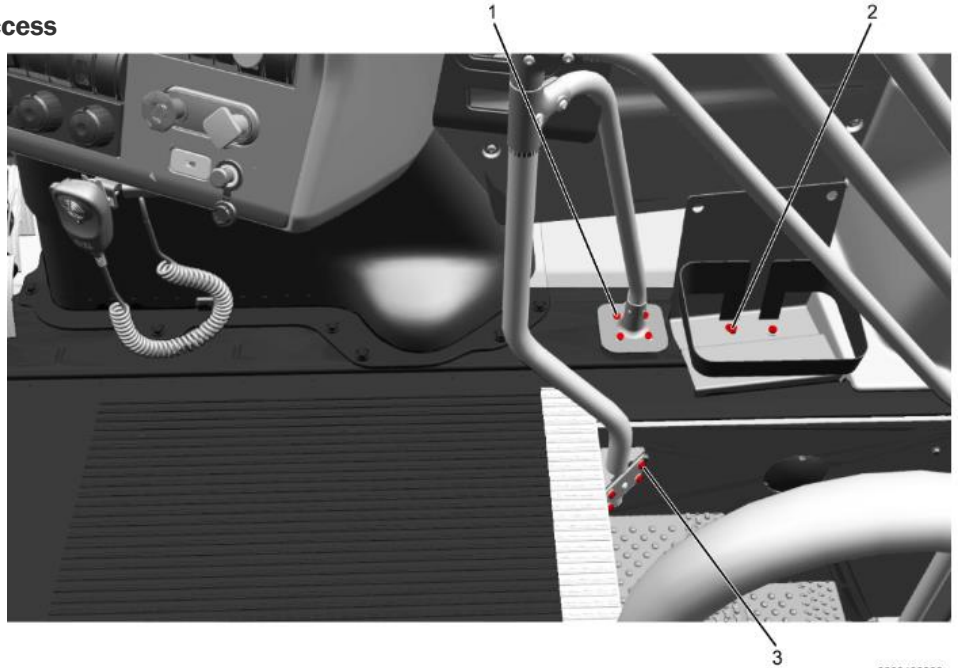
Equipment Conditions

1. Vehicle parked on dry, level ground, parking brake set, transmission in Park or Neutral.
2. Key OFF.
3. Wheel chocks installed.
4. Battery disconnected.
5. Driver side kick panel removed.
6. Driver side scuff panel removed.
7. Driver side lower dash trim removed.
8. Passenger side kick panel removed.
9. Passenger side scuff panel removed.
10. Passenger side HVAC cover lower instrument panel trim removed.

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Figure: Engine Cover Bolt Access

1. M6 torx bolt (4)
2. M6 Screw (2)
3. M6 torx bolt (4)



Procedure

1. Remove two M6 screws (2) and remove waste bin mounting brace.
2. Remove four M6 torx bolts (1) to release hand-rail floor mount from floor.
3. Remove four M6 torx bolts (3) to release hand-rail clamp from stepwell mount.
4. Lift and secure front section of floor mat to access engine cover bolts.
5. Remove adaptive cruise control bracket plate from engine cover assembly (1), if applicable.
6. Remove and retain ten M6 x 35 mm bolts (2) from engine cover assembly (1)..
7. Remove engine cover assembly (1) from cab and inspect engine cover assembly clips. If any clips are crushed, all clips must be replaced.