

INSTALLATION INSTRUCTIONS

Product

Dodge Charger Trunk Shelf 2011+
7160-0336 Upper Shelf Assembly
7160-0020 Lower Shelf Assembly

Revision

Rev. E

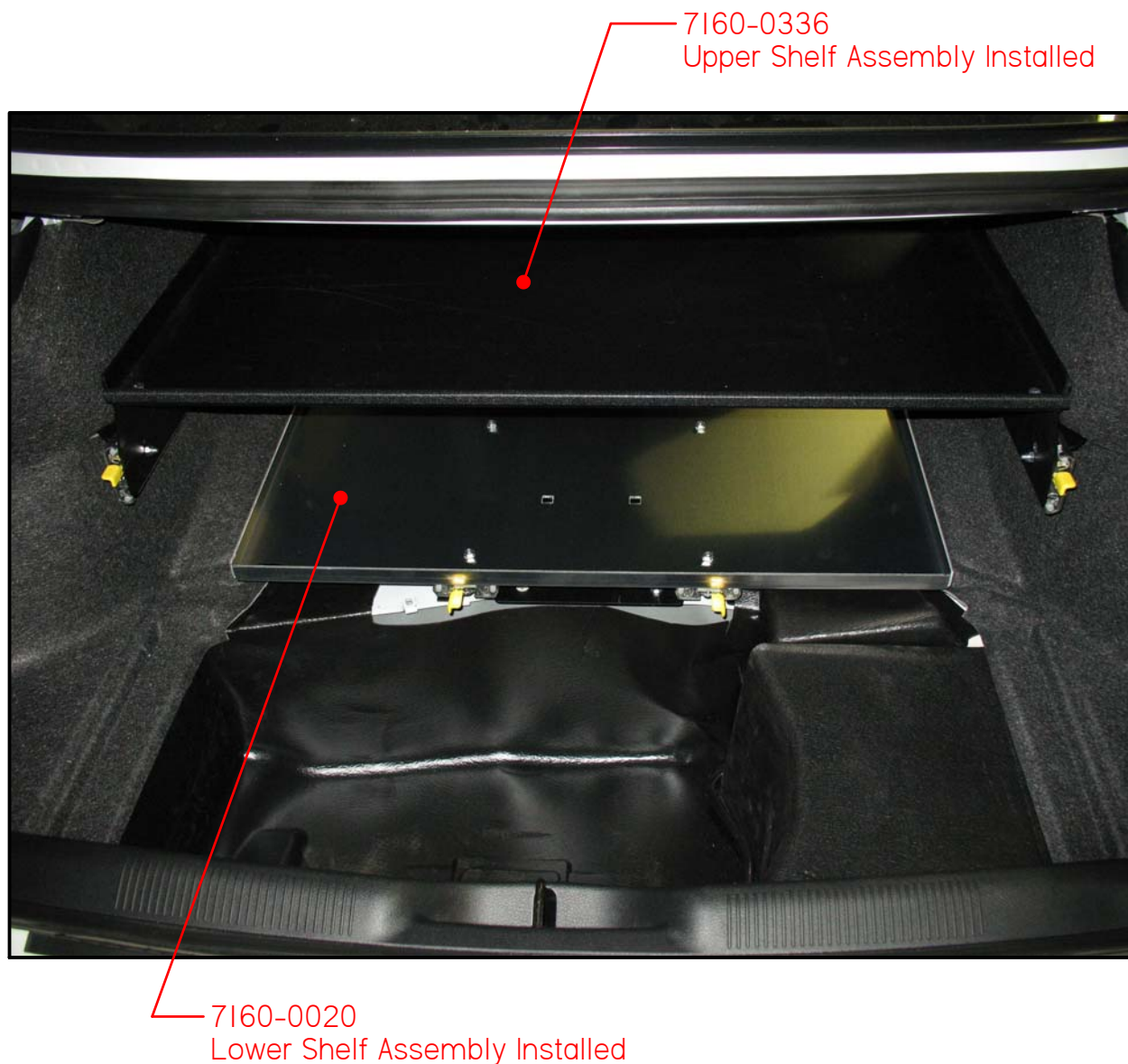
Form

INST-527

Printing Spec: PS-001

These instructions describe installing 7160-0336 Upper Shelf Assembly and 7160-0020 Lower Shelf Assembly in 2011 and newer Dodge Charger vehicles.

The units can be installed individually or as a set.



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Parts Lists

7160-0336 Upper Trunk Shelf - Dodge Charger 2011+

QTY	PART NO.	DESCRIPTION
36"	I3351	EDGE TRIM
1	I3340	RH DRAWER SLIDE
1	I3341	LH DRAWER SLIDE
1	I4377	LH SIDE MTG BRACKET
1	I4378	RH SIDE MTG BRACKET
1	I4379	UPPER TRAY
2	I4380	VERTICAL BRACKET
1	I4381	LH SLIDE STOP
1	I4382	RH SLIDE STOP
1	7120-0541	HARDWARE BAG - UPPER TRUNK TRAY

7120-0541 Hardware Bag - Upper Trunk Shelf

QTY	PART NO.	DESCRIPTION
4	I3349-0001	NYLOK NUT M10-I.5
4	3130-0052	WASHER FLAT 3/8 STEEL ZINC PLT
16	I173-I412	HEX HD MS .25-20UNC x .75 LG
16	I503-I400	NYLOK NUT .25-20UNC
2	14090-0001	.25 SELF-DRILLING SCREW

7160-0020 Dodge Charger Lower Trunk Shelf

QTY	PART NO.	DESCRIPTION
1	I3336	LOWER TRAY
2	I3339	SLIDE MTG BRACKET
1	I3342	SLIDE MTG BRACKET
1	7120-0385	HARDWARE BAG - LOWER TRUNK TRAY
1	7130-0069	RH SLIDE ASSEMBLY w/ STUDS
1	7130-0070	LH SLIDE ASSEMBLY w/STUDS

7120-0385 Hardware Bag - Lower Trunk Shelf

QTY	PART NO.	DESCRIPTION
4	I2079-0005	WASHER .25 EXT TOOTH
1	I3238-0001	WASHER .44 FLAT
2	I3349-0002	NYLOK NUT M12-I.75
2	I3350-0002	WASHER M12 FLAT
32"	I3351	EDGE TRIM
1	I3352-0001	CARRIAGE BOLT .44-I4 x 8.5"
1	I3353	WING NUT .44-I4
4	I3354	VINYL CAP BLACK
6	I173-I412	.25-20UNC x .75 HEX HD SCREW
4	I403-I400	.25-20UNC HEX NUT
6	I503-I400	NYLOK NUT .25-20UNC

Vehicle Preparation

Tools Needed for Installation

- Drill
- Ratchet wrench
- 7/16" Socket
- 1/2" Socket
- 17mm Deep Well Socket
- 19mm Socket
- 7/16" Wrench
- 9/32" Drill Bit
- Large Flathead Screwdriver
- Knife
- Pliers
- Permanent Marker

Tools Required

Ratchet Wrench
1/2" Socket

Ratchet Wrench
19mm Socket

If the vehicle has a full size spare, unscrew the spare tire retaining wing nut and remove tire (see FIG. 1).



FIG. 1



FIG. 2

Unscrew the jack and remove from the vehicle (see FIG. 2).
Remove the Spare Tire Support Base, use a 1/2" socket to remove bolts securing it to the trunk floor.
The steps are similar for the space saver spare - remove from the vehicle

Pull up at each end of the seat base to release the retainers & remove the rear seat base (see FIG. 3).



FIG. 3



FIG. 4

At the bottom of the seat back use a 19mm socket to remove two nuts (see FIG. 4).

Vehicle Preparation (cont'd)

Large Flathead
Screwdriver

There are two spring clips located at each end of the seat back at the top, slide a flathead screwdriver between the deck and the seat back (see FIG. 5 & FIG 6). Depress the top of the clip & pull the seat back out.



FIG. 5



FIG. 6

Repeat on the opposite side & remove the seat back (FIG. 7).



FIG. 7

Installing Upper Tray Assembly - 7160-0336

Drill
9/32" Drill Bit
Knife

At the front end of the trunk, from inside the rear seat area, cut away the carpet at the edge of the metal seat back support framework to remove the overlapping carpet in two places. This exposes the area needed for attaching the two Upper Tray Slides (see FIG. 8).



FIG. 8



FIG. 9

Drill out the center of the existing slots to 9/32. This hole will be the forward most mounting position for the Upper Slides. Repeat on the opposite side (see FIG. 9).

Installing Upper Tray Assembly - 7160-0336 (cont'd)

Ratchet Wrench
17mm Deep Well
Socket
Knife

Ratchet Wrench
7/16" Socket
7/16 Wrench
Knife

Fold back carpeting & padding from both wheel wells to expose shock absorber mounting studs (see FIG 10).

Trim padding with a knife so Slide Mounting Brackets fit over the shock absorber mounting studs (see FIG 11).

Attach the Slide Mounting Brackets to the shock absorber mounting studs using two $\frac{3}{8}$ flat washers & two M10 nuts.

Insure that the collars around the existing studs are fully through the mounting bracket holes.

Replace the carpet and cut an opening allowing the Slide Brackets to pass through (see FIG 12).

Cut an opening through the carpeting over the holes drilled in FIG 9.

Extend the Slides so the mounting holes are accesable.

Attach the Slides to Slide Mounting Brackets and to the holes drilled in FIG 9 with (3) 1/4-20 screws and nuts.

The screws must be installed from the Slide side and the nuts from the bracket/carpet side for the Slides to move freely (see FIG 13).



FIG. 10



FIG. 11



FIG. 12



FIG. 13

Attach the Vertical Brackets to the Slides using (2) 1/4-20 screws & nuts.

If the Lower Shelf Assembly will be installed with a full size spare tire, the bottom set of mounting holes should be used (see FIG 14).

Liner on the top side of the trunk can be removed to make space for equipment on the top shelf. To remove the liner, undo (2) magnets along front edge & (5) push pins located at center and corners.

To expose the proper mounting holes to Vertical Bracket, extend the Slide completely, release the slide lock and move the middle section by hand.

Ratchet Wrench
7/16" Socket
7/16" Wrench

Installing Upper Tray Assembly - 7160-0336 (cont'd)

Ratchet Wrench
7/16" Socket
7/16" Wrench
Knife
Drill
9/32" Drill Bit

The screws must be installed from the slide side, with the screw heads inside the slide assembly and the nuts must be installed from the bracket side (see FIG 14). Attach the Upper Tray using (4) 1/4-20 screws & nuts (see FIG 15).



FIG. 14



FIG. 15

Attach RH & LH Slide Stop Brackets to the metal backseat support framework with (2) 1/4-20 screws, nuts and (2) .25 self-drilling screws (see FIG 16 & 18). Trim the carpeting if necessary to access the area (see FIG 17).

Use the existing hole in the framework to mount the upper hole.
Drive the .25 self-drilling screw thru the lower hole into the framework.



FIG. 16



FIG. 17



FIG. 18

Slide the tray forward and back verifying it moves freely and that the slides lock in the closed position.
Re-install the vehicles back seat.

Installing Lower Tray Assembly - 7160-0020



FIG. 16



FIG. 17



FIG. 18

Drill
9/32" Drill Bit
Ratchet Wrench
7/16" Socket
7/16" Wrench
Knife

Reposition the Antenna Module clipped to the center edge of the trunk well (see FIG 16), to the right side of the wire harness (see FIG 17).

Position the Rear Mounting Bracket on the edge of the trunk well.
Trim matting as required so bracket makes contact with the metal car floor (see FIG. 18).

The center notch & front edges of the bracket are formed to align with beads in the trunk floor. Transfer 2 hole locations & drill out using 9/32" drill bit. Attach the bracket using (2) 1/4-20 screws & nuts.

Note: Vehicles shipped with a full sized spare tire will have an existing hole for mounting the left side hole in the bracket. Drilling will be required for the right side hole only. Remove the clip-on nuts to enable use of 1/4-20 screws & nuts.

Installing Lower Tray Assembly - 7160-0020 (cont'd)

Drill
9/32" Drill Bit
Ratchet Wrench
7/16" Socket
7/16" Wrench
Knife



FIG. 19

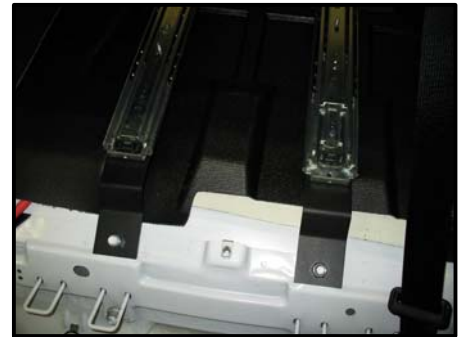


FIG. 20

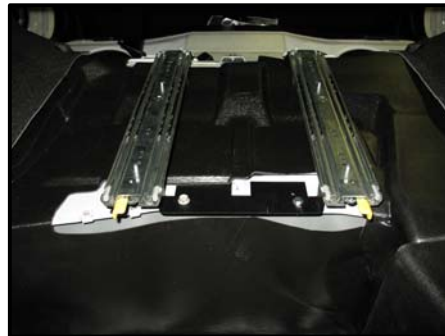


FIG. 21

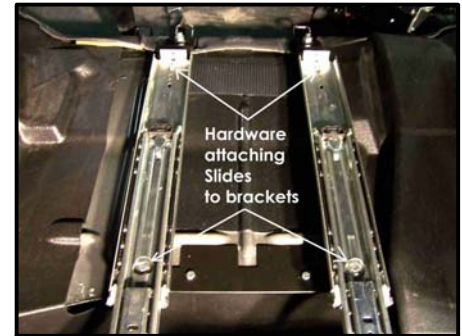


FIG. 22

Place Slide Mtg Brackets over two studs found above the area the back seat was attached.

Slot the raised area of the floor matting with a knife so Slide Mtg Brackets are level when attached with (2) 12mm nuts (see FIG 19 & FIG 20).

Position the Slides so the levers release when pushed inward toward each other (see FIG 21).

Extend the Slides so mounting holes are accessible.

Attach the Slides to the Slide Mtg Brackets and Rear Mtg Brackets with (4) 1/4-20 screws and nuts (see FIG 22).

The screws must be installed from the top (Slide) side and the nuts from the bottom (floor mat) side, so the Slides move freely.

Installing Lower Tray Assembly - 7160-0020 (cont'd)



FIG. 23

Ratchet Wrench
7/16" Socket
7/16" Wrench

Install the tray with the square holes closer to the trunk opening. Tighten the (4) 1/4-20 hex nuts over the external tooth washers & install (4) Black Vinyl Caps over nuts.

Install 32" Edge Trim over the front edge of the tray.

Slide the tray forward and back verifying it moves freely and that the slides lock in the closed position (see FIG 23).

The spare tire & jack can be attached to the lower tray using the 7/16" x 8.50" long Carriage Bolt, 7/16" Washer, & 7/16" Wing Nut.