

### **Complete Floor and Firewall System**

When choosing to build a custom car careful consideration has traditionally been given to the condition and structural integrity of the chassis and underlying sheetmetal, with many non-mainstream vehicles left largely ignored due to difficulty in finding replacement sheetmetal or the great expense in fabricating what was needed. A key component to Chassisworks Custom-Fit Builder Frames and Clips and a great benefit to both popular and not-so-popular application builds is the complete replacement floor, firewall, transmission tunnel and wheel tub system. The difficult time consuming fabrication tasks are completed prior to shipping with fitment and trimming remaining required to achieve excellent final results.

### **Features and Benefits**

- **Begin with less expensive starter vehicle**
- **Fits compact to full-size cars and trucks**
- **Replaces front firewall to tail lamp panel**
- **Pre-formed 18-gauge steel**
- **Exterior-edge trim fitment**

## Firewall Kit

### Cowl Cap

Bridges span between the factory cowl and firewall panel. Cap can be positioned forward or rearward of the firewall panel, depending upon firewall position in vehicle.

(60" x 5-5/8" with 3/8" lip)

### Firewall Panel

Replaces factory firewall and allows altering position to accommodate changes in engine setback or offset, and seating position.

(60" x 24" with 1/4" lip along 18" x 10" arch)

### A-Pillar Caps

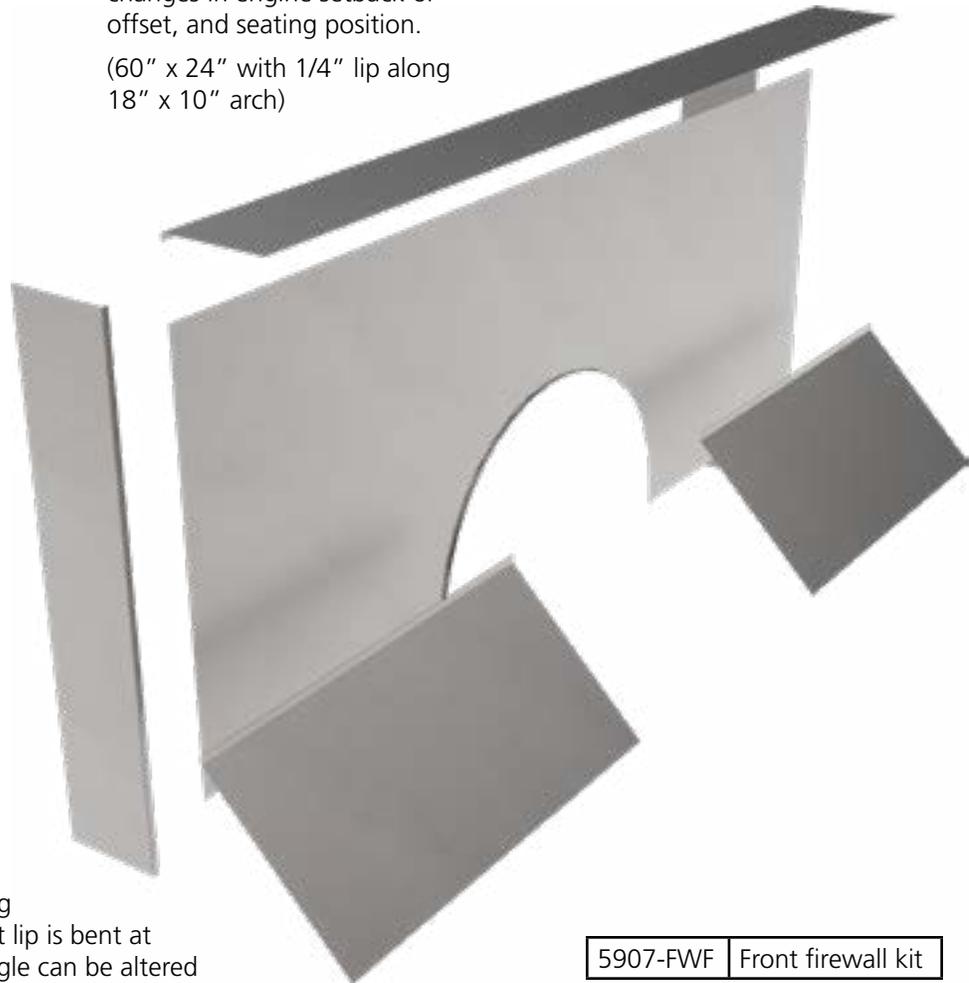
Attaches the factory A-pillars to the firewall panel. Caps may be angled forward or rearward depending upon firewall position in vehicle.

(30" x 5-5/8" with 3/8" lip)

### Floor Transitions

Connects firewall to driver and passenger floor panels, forming the footwell areas. Attachment lip is bent at 45-degrees, however panel angle can be altered to best suit your specific installation.

(24" x 11-1/2" with 1/2" lip)

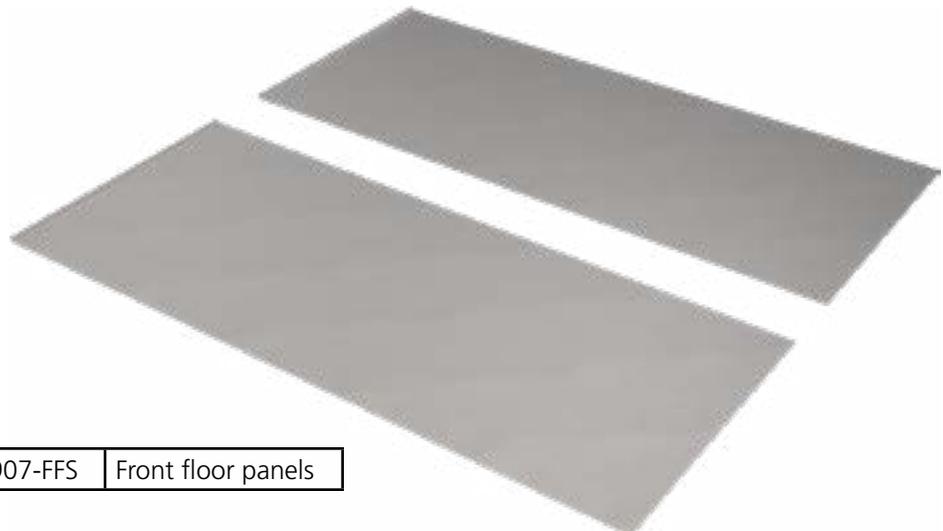


5907-FWF Front firewall kit

## Front Floor Panels

The floor panels span the area between the driveshaft and transmission tunnels, forward floor transitions and rockers. The forward edge features a 45-degree bent lip to meet the firewall transitions. Maximum assembly width of 67".

(72" x 30" with 1/2" lip)



5907-FFS Front floor panels

# Transmission Tunnels

Our custom-fit transmission tunnels are suitable to fit the large and popular 4L80-E and Magnum T56 transmissions. Tunnels ship as three separate pieces to allow shortening of the center section if needed. Tunnel height is intentionally tall for adequate

transmission room with extremely low ride heights. Bottom edge should be trimmed if additional height is not needed. The transmission-tunnel bell may also be shifted forward to reduce the size of the opening at the firewall.

## Automatic Transmission Tunnel

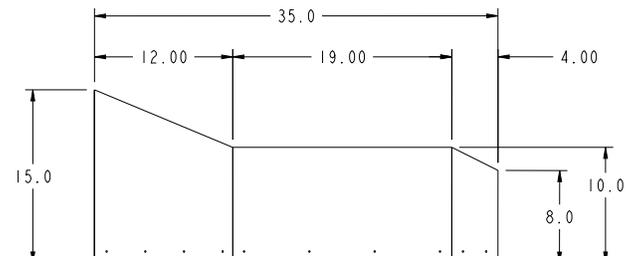
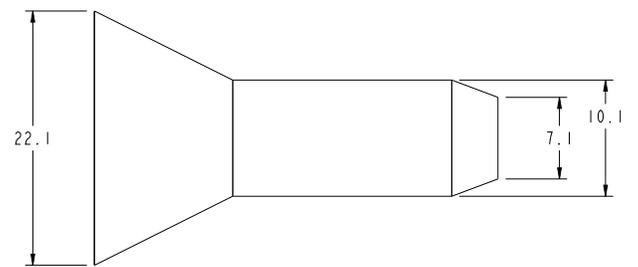
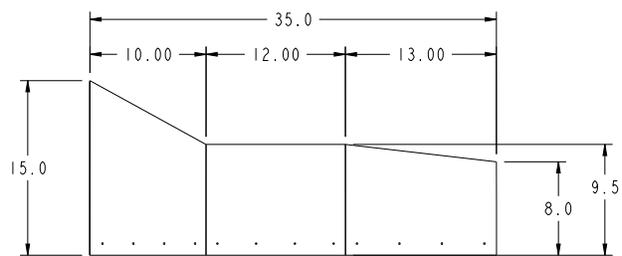
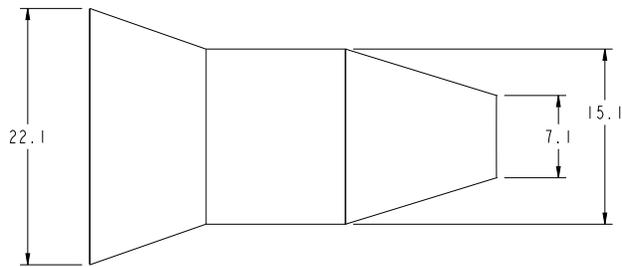


5907-TTA Tunnel, automatic

## Manual Transmission Tunnel



5907-TTM Tunnel, manual



## Driveshaft Tunnel

The driveshaft tunnel matches the radius of the narrow end of the transmission tunnel tail cone and rear floor tunnel. Height of the driveshaft tunnel is two inches taller, allowing the bottom edge to be trimmed at an angle for driveshaft that may run uphill toward the rear end. Maximum assembly width with floor panels is 67".

(7"-wide x 10"-tall x 48"-long)



5907-DST	Driveshaft tunnel
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## Rear Floor and Firewall

The rear floor kit provides coverage from the rear driveshaft loop crossmember to tail lamp panel, including the rear firewall. Driveshaft tunnel and floor transitions are pre-formed for easier assembly and come pre-drilled for rosette welds. Builder wheel tubs are sold separately, however the inner tub wall extensions are included.

Direct-fit versions for use with Chassisworks clips 7720-XXX are also available.



5907-R4BR	Canted 4-Link or Torque Arm Rear Clip
5907-RIRS	Coil-Over or Rocker-Arm IRS Clip

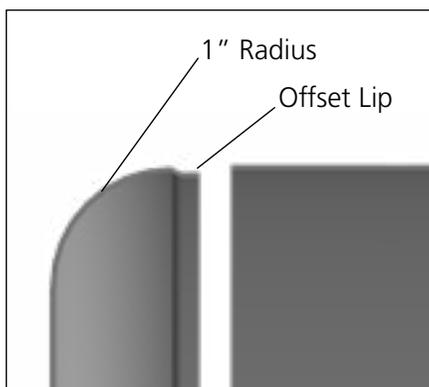
## Builder Wheel Tubs

Chassisworks builder wheel tubs provide a professional solution for beginner and experienced custom vehicle builders. Designed for street or race car use, tub panels are made from 18-gauge (.050"-thickness) cold-rolled steel for improved durability and surface finish. Assembled tubs measure 21- or 25-inches wide with 34" or 40" diameter respectively; suitable for use in muscle cars, street rods, custom trucks, or race cars. End caps feature a 1"-radius corner with offset lip for easy assembly and flush outer surface alignment. Exterior welds can be ground flush for a completely seamless

finish. Outer skins are shipped pre-rolled at the correct diameter for significantly easier assembly, with only light pressure needed when tack welding. To allow fitment on cars with lower floor heights, additional material length is provided in each tub skin; 3-1/4" for 34" tub, 4-1/2" for 40". The tub skin can be rotated to overhang at one end or split between both ends. Tub cap extensions, with matching 1" corner radius, are available separately if needed. Panels are shipped pre-formed with smooth surfaces, but can be bead rolled for added rigidity and custom appearance prior to assembly.



5907-34X21	Builder Wheel Tubs, 34"-OD x 21"-wide (pair)
5907-40X25	Builder Wheel Tubs, 40"-OD x 25"-wide (pair)
5907-EXT	End Cap Extension, 7" tall x 11" long (pair) Included with rear floor kit.



Offset tub-cap lip seats underneath edge of tub skin, creating an easy to align overlap joint with flush outer surface.

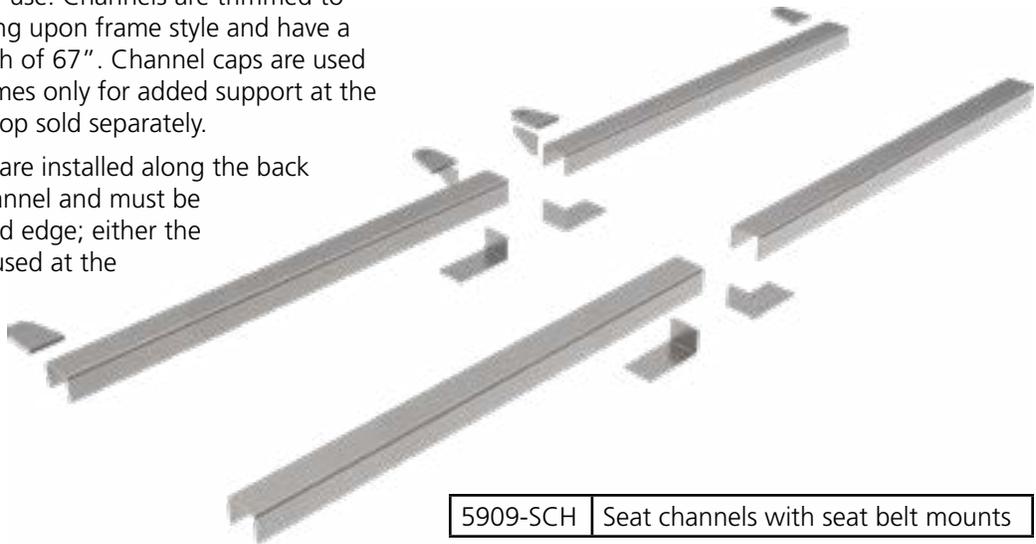


## Seat Channels with Belt Mounts

To provide a stable mounting structure and allow access for through-floor mounting hardware 1-1/2" x 2" steel C-channel material was selected for use. Channels are trimmed to required length depending upon frame style and have a maximum assembly width of 67". Channel caps are used on Straight-Rail style frames only for added support at the driveshaft hoop joint; hoop sold separately.

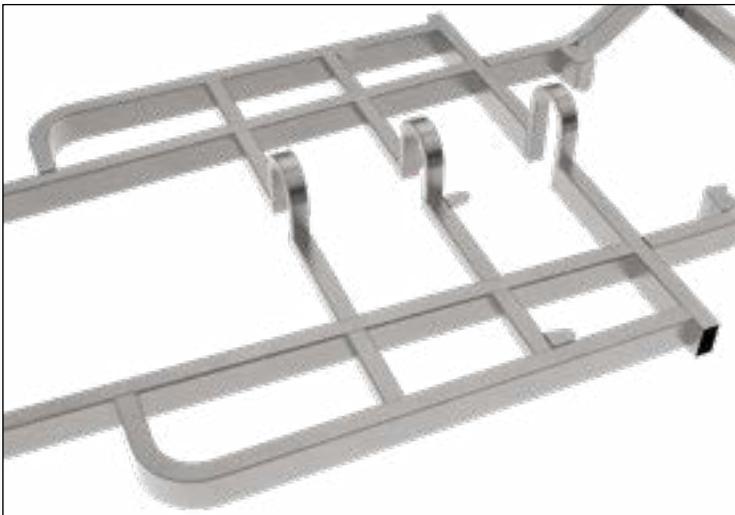
Seat belt mounting tabs are installed along the back edge of the rear seat channel and must be supported along a second edge; either the frame rail or tab gusset used at the driveshaft hoop on Straight-Rail frames.

(1-1/2" x 2" x 30" channels, 3/16"-thick belt tabs with gussets)

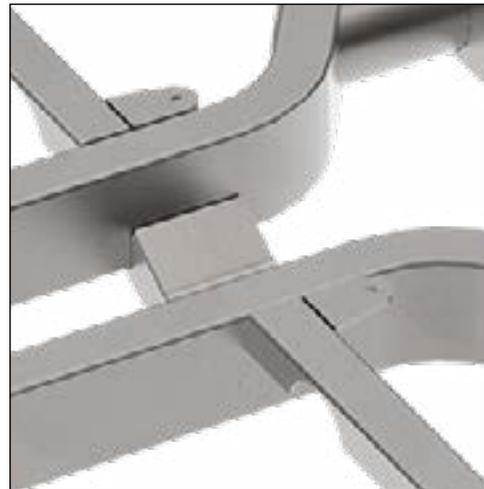


5909-SCH | Seat channels with seat belt mounts

## Straight-Rail Frame Installation



## Perimeter Frame Installation



## Contour Tracing Tool

This handy tool lets you trace an exact contour of the quarter panel onto the cardboard tub skin mock-up. Once the mock-up is laid over the sheet metal skin, the tool then guides the marker to transfer the line over to the sheet metal.

6707 Contour tracing tool



## Cleco Fasteners and Plier Set

A must have for tin-installation jobs. Spring-loaded, reusable Clecos let you trial-fit your tin work before final installation. Includes 25 1/8" diameter Cleco fasteners and installation pliers.

6702 Cleco pliers and clecos (set of 25)



# Notes:

All prices subject to change. Current pricing available at [www.cachassisworks.com](http://www.cachassisworks.com).



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