

**F-SERIES BODY INSTALLATION FOR BACK PANEL AND REINFORCEMENTS -
SERVICE KIT INSTRUCTIONS FOR ALL CABS**

KIT		
Part Number	Description	Quantity
FL34-1540304-AB	Cab Back Panel	1
SKFL34-1540304-AB	Instruction Sheet	1

KIT		
Part Number	Description	Quantity
FL34-15403E32-AG	Back Panel Reinforcement - Regular Cabs Only	1
SKFL34-1540304-AB	Instruction Sheet	1

KIT		
Part Number	Description	Quantity
FL34-16403E32-AG	Back Panel Reinforcement - Super and Crew Cabs	1
SKFL34-1540304-AB	Instruction Sheet	1

NOT INCLUDED IN KIT (PROCURE LOCALLY)		
Part Number	Description	Quantity
W790376-S900	Solid Rivet	13
W790377-S900	Solid Rivet	8
W707638-S900C	Blind Rivet	43
W702512-S900C	Blind Rivet	32
W708777-S900C	Blind Rivet	6
W710246-S900	Service Level SPR Rivet Code BN	4
W708713-S900	Service Level SPR Rivet Code AS	13
W708714-S900	Service Level SPR Rivet Code AT	4
Motorcraft TA-1, 3M 8115 or Fusor 108B	Metal Panel Bonding Adhesive	1

SKFL34-1540304-AB

SHEET 1 OF 3



SERVICE GUIDELINES:

- Aluminum repairs should be performed in an area protected from steel working areas, and tools used in aluminum repair should be quarantined from steel repair tools.
- Replacement Self-Piercing Rivets (SPRs) are the preferred replacement during repair for original SPR locations, where feasible. Blind rivets are the next preferred replacement for original SPRs. In some cases, solid rivets may also be used as a replacement for SPRs. The figures will explicitly call out which rivets are possible.
- Replacement SPRs are to be installed adjacent to original SPR location.

NOTE: Do not install replacement SPR in original SPR hole.

- Blind rivets may be installed in original SPR holes, after they are reamed out to 6.5mm. Be sure to grind all surfaces of the flange smooth prior to blind rivet installation in original SPR locations.
- Flow Drill Screws (FDS) are to be replaced by blind rivets only. The original location of the FDS is used, but reamed out to 6.5mm.
- Rivets may be removed by drilling, grinding, or SPR gun set up as a rivet removal tool.
- Using heat (not exceeding 425 °F) to loosen a rivet bonded panel should only be done when all panels in the joint will be replaced or separated and new adhesive applied.
- Flange preparation for adhesive is to grind to clean metal with 80-120 grit, clean, and then apply the adhesive, spreading it out with an acid brush, covering any exposed aluminum.
- Clecos are an excellent way to hold the panels into position when fitting and drilling rivet holes.

FIGURE 1 RIVET LOCATIONS

- Black dots represent the location of the forty three (43) blind rivets (W707638-S900C).
- Black squares represent the location of the twenty (24) blind rivets (W702512-S900C).
- Black triangles represent the location of the six (6) blind rivets (W708777-S900C).
- (Refer to Figure 1) for SPR and solid rivet types, locations, and installation mandrels.

NOTE: The top row can also be replaced with blind or solid rivets. The shapes in Figure 1 call out the type of blind rivets allowed in repair. See rivet locations above for shapes corresponding to each type of blind rivet. The circled numbers call out the solid rivets

NOTE: Rivets are identical for Regular, Crew and Super cabs. Regular cab reinforcement part has different attachment points.

- (Refer to Figure 2) for location for adhesive material.

NOTE: The location of SPR and adhesive shown below are based on the original production drawings and should only be used as a guideline. (Refer to Figure 2).



SQUARED NUMBERS ARE PRO SPOT MANDRELS

1	SA-0400/SA-0401
2	SA-0400/SA-0402
CIRCLED NUMBERS ARE SOLID RIVETS	
①	W790376-S900
②	W790377-S900

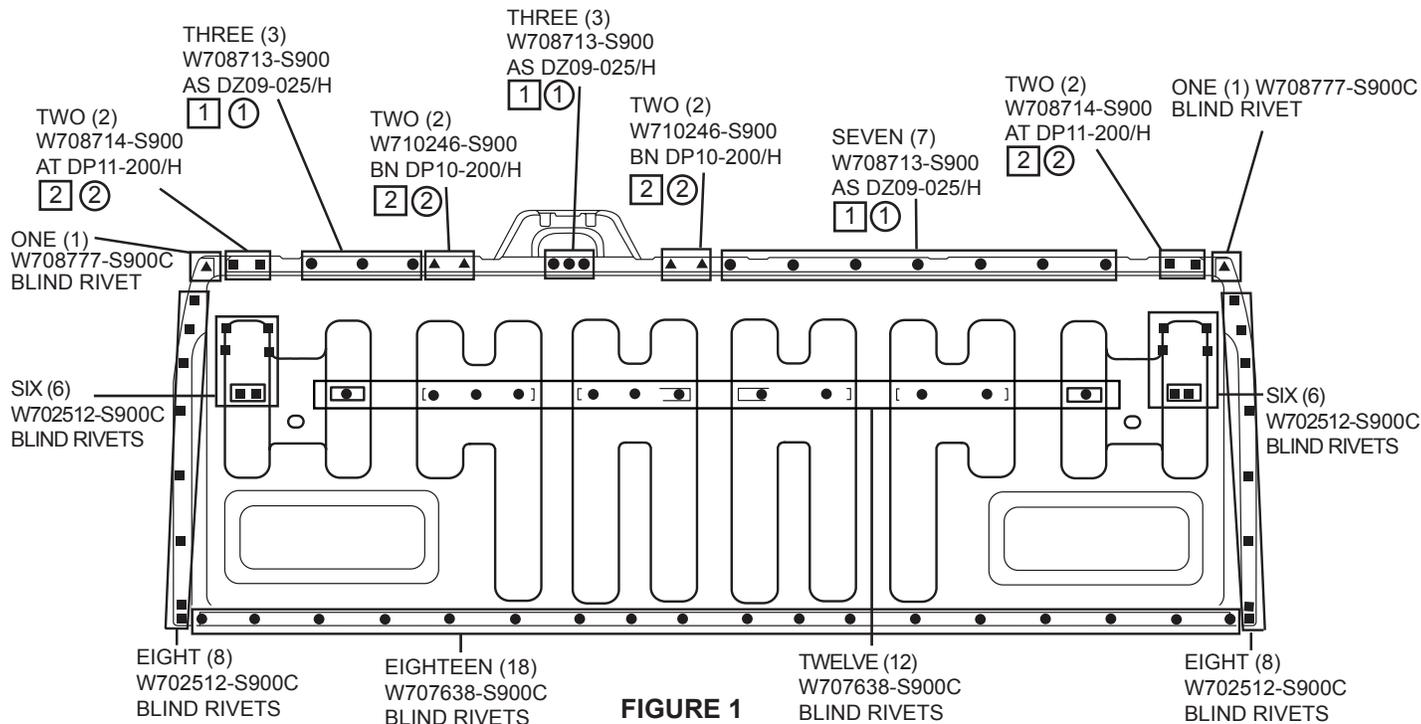


FIGURE 1

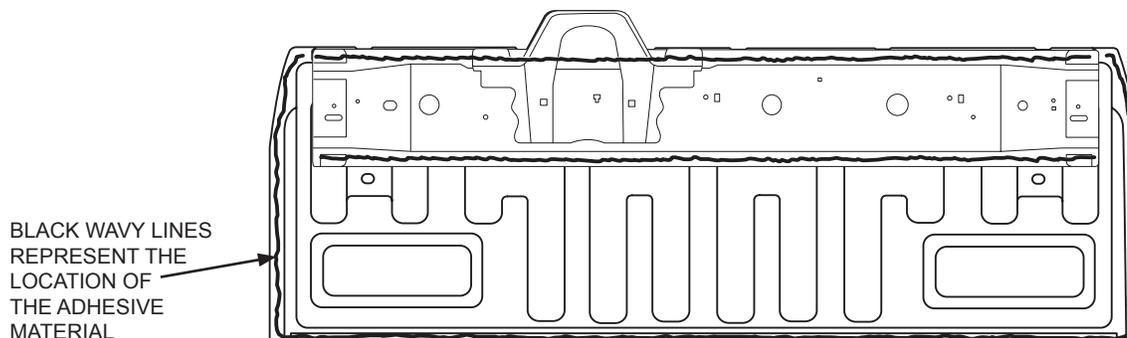


FIGURE 2

