

## Guide to Complete Repair Planning



future editions, please submit your suggestions to info@scrs.com

The Society of Collision Repair Specialists (SCRS) recognizes that there are many legitimate operations and services our technicians provide that go unrecognized in the estimate development and final billing processes. The purpose of this document is to aid repair facility personnel in formulating the most accurate repair plan in the estimate preparation process, to minimize the need or expense of a supplement. This document is intended to be used as a guide to develop and maintain processes performed in your repair facility, and serves as a reminder of steps that may be performed during the repair process. This document does not suggest, or promote, that your shop can or should charge for each item listed; and is only intended to be a reminder for repair operations that are performed in your facility.

The document does not contain pricing, quantities, labor hours or any additional information as that should be determined based on your facility's individual requirements. All recipients of this document are herewith notified that the materials presented herein are not to be construed as information or direction to take concerted actions. Information can be utilized by individuals acting within their own judgment.





Body
 Paint
 Structural
 Mechanical
 Detail
 Other

## **Table of Contents:**

01.	FRONT & REAR BUMPERS	05.	HOOD	10.	FENDER
15.	CORESUPPORT	20.	RADIATOR / AC & FLUIDS	25.	APRON & UPPER RAIL
30.	WHEELS, TIRES & ALIGNMENT	35.	SUSPENSION / MECHANICAL	40.	SRS/SEAT BELTS
45.	PILLARS	50.	ROCKERS	55.	DOOR SKIN / SHELL
60.	ROOF	65.	CAB CORNER, PICKUP	70.	CAB BACK PANEL, PICKUP
75.	QUARTER PANEL	80.	PICKUP BED SIDE PANEL	85.	VAN/SUV SIDE PANEL
90.	DECK LID	95.	REAR BODY PANEL	100.	FLOOR
105.	PROTECTION & SAFETY	110.	PAINT PREP	115.	REFINISH PROCESS
120.	COLOR-SAND & POLISH	125.	STRIPES	130.	GLASS
135.	FRAME SET UP	140.	FRAME REPLACEMENT	145.	FRONT END DAMAGE
150.	SIDE DAMAGE	155.	REAR END DAMAGE	160.	FLOOR ANCHOR PULLING SYSTEM
165.	THEFT/VANDELISM	170.	DETAIL / CLEAN-UP	175.	TOW, STORAGE & ADMINISTRATION
180.	FINAL BILL / MISCELLANEOUS				

	MATERIAL	MINIMUM
DESCRIPTION	SUBLET PRICE	LABOR UNITS
01 - FRONT AND REAR BUMPERS:		
1. FEATHERFILL, SAND AND BLOCK REPAIR AREA		
2. REMOVE BUMPER MOLDING ADHESIVE		
3. DRILL FOR LICENSE PLATE		
4. R&I LICENSE PLATE		
5. LICENSE PLATE, REPAIR		
6. LOOSEN/PULL BACK BUMPER COVER		
7. CCC BUMPER PROMPT *ADD BACK OVERLAP + CLEAR*		
8. R&I FOG LAMPS		
9. R&I TRAILER HITCH (ON BUMPER)		
10. AIM FOG LAMPS		
11. R&I CAMERA AND WIRING		
12. TRIAL FIT BUMPER		
13. R&I TRAILER HITCH (FRAME BOLT-ON TYPE)		
14. R&I OR R&R SENSORS (SRS-AMBEINT TEMP- ETC)		
15. REPAIR BUMPER BRACKET AND/OR OTHER COMPONENTS		
16. REPAIR BUMPER BRACKET MOUNT AREA		
17. REPAIR ELECTRICAL WIRING TO LAMP LIGHTS		
18. REFINISH O.E.M "RAW" BUMPER		
19. REFINISH, SECOND COLOR ON BUMPER COVER		
20. REFINISH, BLACK-OUT ON BUMPER COVER		
21. PAINT PREP & CLEAN UP USED BUMPER		
22. MASK UNPAINTED AREAS ON BUMPER COVER		
23. MASK BUMPER COVER FOR PRIMER APPLICATION		
24. FLEXIBLE PARTS ADHESION PROMOTOR APPLICATION		
25. REPLACE MINI BULBS		
26. RAW BUMPER PREP KIT		
27. BUMPER FASTENERS/RETAINERS (KIT)		
28. URETHANE BUMPER REPAIR KIT (MATERIALS)		

Visit <u>www.scrs.com</u> to become a member, or learn more about the Society of Collision Repair Specialists





Body
 Paint
 Structural
 Mechanical
 Detail
 Other

29. FLEXIBLE PARTS ADDITIVE	
05 - HOOD:	
30. R&I WINDSHIELD WASHER NOSSELS (REPAIR SITUATION)	
31. R&I HOOD INSULATION	
32. WINDSHIELD WASHER HOSE RETAINERS (MORE THAN ONE DESIGN)	
33. REPAIR HOOD LATCH	
34. REPAIR HOOD HINGES AND/OR HINGE MOUNT AREA	
35. ACCESS TIME TO REVEAL DAMAGE	
36. FEATHEREDGE, FILL SAND AND BLOCK (REPAIRED HOOD)	
37. SEAM SEAL INNER EDGE OF NEW HOOD	
38. R&I OR R&R HOOD HINGE	
39. R&I COWL VENT PANEL (ACCESS TO HINGE)	
40. TEST FIT HOOD	
41. MIX PAINT FOR UNDERSIDE SECOND COLOR (ADD FOR 3 <sup>RD</sup> AND 4 <sup>TH</sup> COLOR)	
42. COLOR TINT & TEST FOR UNDER SIDE SECOND COLOR	
43. MASK HOOD INNER EDGES	
44. WINDSHIELD WASHER HOSE FASTENER-S (1 <sup>ST</sup> DESIGN)	
45. WINDSHIELD WASHER HOSE FASTENERS (2ND DESIGN)	
46. HOOD INSULATION RETAINER FASTENERS, REPLACE	
47. HOOD FRONT SEAL/ FASTENERS	
48. HOOD REAR SEAL/ FASTENERS	
49. ALUMINUM MATERIAL LABOR RATE	
50. HOOD LABELS ***HOW MANY?****	
10 - FENDER:	
51. R&I TIRE WHEEL	
52. R&I FENDER LINER	
53. R&I FENDER MOLDINGS, EMBLEMS AND FLARE	
54. R&I MUD FLAP	
55. R&I ROCKER COVER	
56. REPLACE ROCKER COVER FASTENERS (TWO DESIGNS?)	
57. REPLACE FENDER FLARE FASTENERS	
58. CLEAN AND RETAPE FENDER MOLDING-S AND EMBLEM	
59. REPLACE LINER FASTENERS	
60. FEATHEREDGE, FILL SAND AND BLOCK REPAIRED FENDER	
61. CAVITY WAX	
62. REMOVE FACTORY INSTALLED ADHESIVE FOR ACCESS	
63. ALIGN ADJACENT PANEL-S TO FENDER	
64. ANTENNA BASE CORROSION, REPAIR	
65. MASK FENDER JAMS AND OPENINGS	
66. FENDER MLDG CLADDING PREP FOR "RAW"	
67. GRAVEL GUARD	
68. REMOVE STRIPES **ERASER WHEEL***	
69. FENDER BLACK OUT SECOND COLOR	
15 - CORESUPPORT:	
70. ACCESS/PRE-PULLING	
71. PROTECT ENGINE COMPARMENT COMPONENTS	
72. REPAIR CUT WIRING	
73. AQUIRE RADIO CODE	
74. RESET MEMORY FUNCTIONS	
	*





75. MEMORY "SAVER" COLLISION TOOL	
76. REMOVE CAULKING & SEAM SEALER	
77. TEST FIT PARTS ATTACHED TO CORESUPPORT	
78. PULL BACK WIRE HARNESS	
79. REPAIR WIRE HARNESS FASTENERS	
80. CLOSE/SECURE OPEN TUBES AND LINES	
81. FEATHER AND FILL WELDS AT WELD LOCATIONS	
82. R&I WHEELS	
83. R&I ROCKER COVERS AND/OR MUD FLAPS	
84. R&I FENDERS (ADD FOR SPLASH SHIELDS & FASTENERS)	
85. R&I ENGINE UNDERCOVER SHIELD	
86. R&I WINDSHIELD WASHER RESERVOIR	
87. R&I AC DRIER	
88. R&I AIR INTAKE DUCTING, AND/OR REPAIR	
89. R&I RADIATOR OVERFLOW TANK, AND/OR REPAIR	
90. R&I SECOND BATTERY	
91. R&I BATTERY TRAY	
92. R&I COMPONENTS ATTACHED BY WELDING/RIVETING	
93. REPAIR LEFT AND RIGHT APRON PANELS, AND PAINT	
94. REPAIR LEFT AND RIGHT UPPER RAILS, AND PAINT	
95. REPAIR LEFT AND RIGHT FRAME RAIL ATTACHMENT AREA	
96. AIM LIGHTS	
97. REMOVE SURFACE CORROSION/ROAD TAR/GREASE	
98. WRAP MASK WIRE HARNESS	
99. MASK BAG ENGINE	
100. MASK A/C LINES-HOSES-HARNESES & COMPONETS	
101. MIX PAINT FOR UNDERSIDE COLOR	
102. SECOND COLOR BLACK-OUT	
103. SPOT PAINT LEFT AND RIGHT FRAME AT WELDED AREAS	
104. SPOT PAINT/BLEND APRON PANEL DAMAGED BY WELDING	
105. REPLACE WIRE HARNESS FASTENERS	
106. REPLACE INFORMATION LABELS **HOW MANY?****	
107. REPLACE HOOD PROP GRUMMET	
108. REPLACE CAULKING AT SEAMS	
109. UNDERCOAT (SECOND COLOR)	
110. CAVITY WAX	
111. COBALT DRILL BIT (BORON-TRIP-UZI BOR)	
112. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
113. WELD-THROUGH PRIMER	
20 - RADIATOR, AC AND FLUIDS:	
114. REPAIR RADIATOR	
115. REPAIR FAN SHROUD(S)	
116. REPAIR AC CONDENSER/LINES	
117. FLUSH LKQ CONDENSER/LINES	
118. FLUSH LKQ RADIATOR/LINES	
119. REPAIR AC LINES & TUBES	
120. REPLACE RADIATOR "O"-RINGS **TRANS**	
121. REPAIR TRANS COOLER/LINES	
122. REPAIR WIRING/FASTENERS ATTACHED TO FAN SHROUDS	
123. PRESSURE TEST COOLING SYSTEM	





124. BLEED COOLING SYSTEM	
125. TEST AC SYSTEM/CONTIMANITES	
126. RECOVER AC FREON	
127. EVACUATE & RECHARGE AC SYSTEM	
128. TEST KIT REFRIGERANT RECOVERY	
129. COOLANT, OEM RECOMMENDED PER GALLON	
130. VACUUM FILL RADIATOR	
131. TRANMISSION FLUID (PINT)	
131. TRANSMISSION FLOID (FINT)  132. STEERING FLUID (PINT)	
133. WINDSHIELD WASHER FLUID	
134. R-134 FREON AND OIL (TWO POUNDS)	
135. O-RING SEAL KIT FOR AC LINES	
25 - APRON/UPPER RAIL:	
136. PRE-PULL/ACCESS	
137. REMOVE CAULKING & SEAM SEALER	
138. REPLACE CAULKING AND SEAM SEALER (NEW PART)	
139. TEXT COAT, SPRAYABLE SEALER	
140. UNDERCOAT, BLACK	
141. EXPANSION FOAM	
142. CAVITY WAX RUSTPROOFING	
143. WELD-THROUGH PRIMER	
144. TEST FIT ADJACENT PARTS	
145. R&I CRUISE CONTROL UNIT, AND/OR REPAIR	
146. R&I ELECTRONIC CONTROL MODULE, AND/OR REPAIR	
147. R&I AIR INTAKE DUCTING, AND/OR REPAIR	
148. R&I AC TUBING AND HOSE	
149. R&I SRS SENSOR	
150. R&I WINDSHIELD RESERVOIR, AND/OR REPAIR	
151. R&I BATTERY TRAY	
152. R&I FUSE BOX, AND/OR REPAIR	
153. R&I EMISSION CANISTOR AND HOSES, AND/OR REPAIR	
154. R&I CAB INTERIOR COMPONENTS (INNER TRIM, DASH, HEATER BOX / AC)	
155. PULL BACK WIRE HARNESS	
156. FEATHER AND FILL CONTOUR REPAIR AREAS	
157. FEATHER AND FILL WELDS	
158. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
159. COBALT DRILL BIT (BORON-TRIP-UZI BOR)	
160. CLEAN FILE AND DEBUR WELD AREA	
161. REPAIR ADJOINING PANELS DAMAGED BY WELDING	
162. WRAP MASK WIRE HARNESS AT APRON	
163. WRAP MASK ENGINE	
164. SECOND COLOR, ENGINE SIDE (CUSTOM COLOR MATCH)	
165. THIRD COLOR, FENDER SIDE (CUSTOM COLOR MATCH)	
166. BLACK-OUT ON APRON, SECOND OR THIRD COLOR	
167. UNDERSIDE SECOND COLORS, REFINISH	
30 - WHEELS/TIRES/WHEEL ALIGNMENT:	
168. REPLACE VALVE STEMS AND WEIGHTS	
169. MOUNT & BALANCE TIRE	
170. R&I WHEEL COVERS	
171. TIRE DISPOSAL FEE	
<u>.</u>	 0





	T	1
172. REPAIR RIM EDGE, POLISH SKUFF MARKS		
173. ROTATE TIRES		
174. RESET TIRE PRESSURE SENSORS		
175. R&I WHEEL COVERS TO MOUNT ALIGNMENT HEADS		
176. FOUR WHEEL ALIGNMENT		
177. ECENTRIC ALIGNMENT KIT (PER SIDE)		
178. INSPECT SUSPENSION COMPONENTS FOR DAMAGE		
35 - SUSPENSION/MECHANICAL:		
179. BLEED BRAKES AND ADD FLUID (PINT)		
180. BLEED BRAKES (ABS)		
181. RESET ABS SYSTEM WITH SCANNER		
182. SHIFT CROSSMEMBER		
183. MEMORY "SAVER" COLLISION TOOL		
184. SHIFT ENGINE CRADLE		
185. ADJUST LINKAGE-S		
186. DRAIN & TRANSFER FUEL		
187. CHECK RUN-OUT ON WHEEL (NEEDED TO FOR BALANCE)		
40 - SRS/SEAT BELTS:		
188. CLEAN UP DEPLOYED AIR BAG RESIDUE		
189. REPAIR SEAT FRAME		
190. INSPECT SEAT BELTS		
191. CLEAR SRS FUNCTION CODE ON DASH		
192. INSPECT SRS WIRING		
45 - PILLARS:		
193. PRE-PULL PILLAR		
194. REMOVE CAULKING AND SEAM SEALER		
195. REPLACE CAULKING AND SEAM SEALER		
196. EXPANSION FOAM		
197. CAVITY WAX RUSTPROOFING		
198. WELD-THRU PRIMER		
199. FABRICATE PILLAR SLEEVE INSERTS		
200. TEST FIT PARTS ADJACENT TO PILLAR		
201. R&I SEAT TO ACCESS PILLAR REPAIRS/REPLACEMENT		
202. COLBALT BIT UHSS		
203. PULL BACK WIRE HARNESS		
204. FEATHER & FILL CONTOUR REPAIR AREA		
205. REPAIR/DRESS WELDS AT FLANGES		
206. CLEAN FILE AND DEBUR WELD AREA		
207. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)		
208. WRAP MASK WIRE HARNESS		
209. MASK TO PROTECT INTERIOR		
210. SPOT REFINISH INNER SIDE OF PILLAR		
211. REFINISH SECOND COLOR BLACK-OUT ON PILLAR		
50 - ROCKERS:		
212. PRE-PULL ROCKER		
213. REMOVE CAULKING & SEAM SEALER		
214. REPLACE CAULKING & SEAM SEALER		
215. EXPANSION FOAM		
216. TEXT COAT		
		1





	<u>,                                      </u>	1
217. CAVITY WAX		
218. WELD-THRU PRIMER		
219. FABRICATE ROCKER SLEEVE INSERTS		
220. TEST FIT PARTS ADJACENT TO ROCKER		
221. GRAVEL/STONE GUARD (**NOTE THE THICKNESS***) PER TUBE		
222. R&I SEAT		
223. R&I SEAT BELT-S		
224. PULL BACK CARPET AND PADDING		
225. STONE GUARD DECAL		
226. PULL BACK WIRE HARNESS		
227. REPAIR/DRESS WELDS AT FLANGES		
228. REPAIR INNER ROCKER		
229. REPAIR A-PILLAR AT WELD AREA		
230. REPAIR CENTER PILLAR AT WELD AREA		
231. REPAIR FLOOR AT WELD AREA		
232. REPAIR ¼ PANEL AT WELD AREA		
233. CLEAN FILE AND DEBUR WELD AREA		
234. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)		
235. COBALT DRILL BIT (BORON-TRIP-UZI BOR)		
236. FEATHER & FILL CONTOUR REPAIR AREAS		
237. WRAP MASK WIRE HARNESS		
238. MASK TO PROTECT INTERIOR		
239. MASK FOR PRIMER APPLICATION		
240. PREP FOR ROCKER PANEL MLDG CLADDING "RAW"		
241. REFINISH INNER ROCKER		
242. REFINISH A-PILLAR		
243. REFINISH CENTER PILLAR		
244. REFINISH FLOOR AREA		
245. REFINISH LOCK POST		
246. REFINISH ¼ PANEL AT WELD AREA		
247. REFINISH BLACK-OUT AT ROCKER		
248. TEXT COAT ROCKER, OUTER (MASKING REQUIRED)		
249. TEXT COAT ROCKER, BACK SIDE		
55 - DOOR SKIN/SHELL:		
<u> </u>		
250. DISCONNECT AND RECONNECT BATTERY		
251. PROTECT INTERIOR FOR PROTECTION		
252. ACQUIRE RADIO CODE & PLACE TO OFF POSITION		
253. RESET MEMORY FUNCTIONS		
254. REMOVE ADHESIVE AT INTRUSION BEAM, BELT REINF & DR EDGE		
255. REPLACE CAULKING & SEAM SEALER		
256. WELD-THRU PRIMER		
257. CAVITY WAX		
258. FLUTTER BONDING		
259. SOUND DEADENER PAD-S		
260. CLEAN & RETAPE ADHESIVE DOOR MOLDING		
261. REPLACE DOOR EDGE GUARD MOLDING		
262. REPAIR VAPOR BARRIER WEATHER SHIELD		
263. REPLACE VAPOR BARRIER, (OEM)		
264. REPLACE BELT MOLDING FASTENERS		
265. TEST FIT DOOR BEFOR WELD-BONDING		
	•	





266. REPAIR EDGE OF DOOR SHELL, (REMOVAL DISTORTION)	
267. RE-BOND INTRUSION BEAM/BELT REINSTALL FLUTTER MATERIAL	
268. DOOR SKIN BONDING KIT	
269. ADJUST/RECALIBRATE POWER DOOR LOCK SYSTEM	
270. FEATHER & FILL CONTOUR REPAIR AREAS, (DOOR EDGE)	
271. DRESS WELDS	
272. STONE GUARD DECAL	
273. R&I RAIN SHIELD (VENT SHADE)	
274. R&I WELDED BELT REINFORCEMENT PANEL	
275. R&I SRS AIR BAG	
276. R&I DOOR MIRROR	
277. R&I DOOR GLASS	
278. R&I AIR-SEAL WEATHER STRIP AT PERIMETER (SOME MODELS ONLY)	
279. R&I DOOR CHECK (WHEN SKINNING DOOR)	
280. R&I DOOR LATCH, (WHEN SKINNING DOOR)	
281. R&I DOOR CHECK	
282. R&I DOOR LATCH	
283. R&I DOOR SPEAKER	
284. R&I DOOR GLASS RUN CHANNEL	
285. WRAP/MASK WIRE HARNESS	
286. PREP DOOR CLADDING FOR "RAW" PROCESSING	
287. MASK DOOR OPENINGS & JAMS	
288. WINDOW BLACK OUT AT WINDOW FRAME, (SECOND COLOR)	
289. GRAVEL GUARD	+
290. DOOR SKIN BONDING MATERIAL	
291. RECODE DOOR LOCK CYLINDER	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF:	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS ****	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT)	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR 60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN)	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION *	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S 308. R&I SEAT-S	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S 308. R&I SEAT-S 309. CLEAN FILE AND DEBUR WELD AREA	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S 308. R&I SEAT-S 309. CLEAN FILE AND DEBUR WELD AREA 310. COVER AND PROTECT INTERIOR	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S 308. R&I SEAT-S 309. CLEAN FILE AND DEBUR WELD AREA 310. COVER AND PROTECT INTERIOR 311. R&I WIRE HARNESS	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S 308. R&I SEAT-S 309. CLEAN FILE AND DEBUR WELD AREA 310. COVER AND PROTECT INTERIOR 311. R&I WIRE HARNESS 312. WELD-THRU PRIMER	
291. RECODE DOOR LOCK CYLINDER 292. DOOR FASTENERS & RIVETS 293. RR&I LKQ DOORS-CHARGE TO DISASSEMBLE BOTH DOOR  60 - ROOF: 294. R&I ANTENNA MAST THAT IMPEDES ACCESS 295. MASK SUN ROOF OPENING/EDGES 296. R&I ALL INTERIOR AND EXTERIOR **ATTACHMENTS **** 297. PREPAIR FOR WELD BONDING 298. REPAIR ADJACENT PANELS DISTORTED IN REMOVAL PROCESS 299. FEATHER & FILL CONTOUR REPAIR AREAS 300. REMOVE EXPANSION FOAM FROM ROOF REINFORCEMENTS 301. REMOVE URETHANE RESIDUE ON PINCH WELDS (FULL CUT OUT) 302. REPAIR DAMAGE TO PINCH WELD FROM GLASS REMOVAL KNIFE 303. FEATHER & FILL WELDS 304. REMOVE EXPANSION FOAM 305. EXPANSION FOAM (PER CAN) 306. REMOVE PANELS FOR INSTALLATION * 307. REPAIR ADJACENT REINFORCEMENT PANEL-S 308. R&I SEAT-S 309. CLEAN FILE AND DEBUR WELD AREA 310. COVER AND PROTECT INTERIOR 311. R&I WIRE HARNESS	





21E ELLITTED FOAM (DED TUDE)	
315. FLUTTER FOAM (PER TUBE)	
316. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
317. BLEND RIGHT SIDE ROOF PILLARS	
318. BLEND LEFT SIDE ROOF PILLARS	
319. MASK FOR PRIMER APPLICATION	
320. PULLBACK/ROPE/MASK BACK GLASS MOLDING	
321. PULLBACK/ROPE/MASK WINDSHIELD MOLDING	
322. PULLBACK/ROPE/MASK LEFT QUARTER GLASS	
323. PULLBACK/ROPE/MASK RIGHT QUARTER GLASS	
324. COBALT DRILL BIT (BORON-TRIP-UZI BOR)	
325. WINDSHIELD INSTALLATION KIT	
326. BACK GLASS INSTALLATION KIT	
327. QUARTER GLASS INSTALLATION KIT	
65 - CAB CORNER, PICKUP:	
328. PRE-PULL CAB CORNER AS NEEDED	
329. REMOVE CAULKING & SEAM SEALER	
330. REPLACE CAULKING & SEAM SEALER (REPAIR AND REPLACE)	
331. CAVITY WAX	
332. WELD-THRU PRIMER	
333. TEST FIT ADJACENT PARTS AS NEEDED	
334. FABRICATE CAB CORNER SLEEVES	
335. PULL BACK WIRE HARNESS	
336. SOUND DEADENER	
337. R&I SEAT	
338. R&I CARPET AND FLOOR INSULATION	
339. FEATHER & FILL CONTOUR REPAIR AREAS	
340. MASK FOR PRIMER APPLICATION	
341. FEATHER & FILL WELDS	
342. REPAIR ROCKER	
343. REPAIR REINFORCEMENT AND INNER PANEL	
344. MEASURE CAB FOR SQUARE	
345. REPAIR FLOOR	
346. REPAIR GLASS-OPEN FLANGES FROM CUT-OUT KNIFE DAMAGE	
347. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
348. PULL BACK /ROPE/MASK BACK GLASS	
349. PULL BACK/ROPE/MASK QUARTER GLASS	
350. REPLACE SOUND DEADENER PAD	
351. TRANSFER WELDED DOOR STRICKER PLATE	
352. REFINISH BACK SIDE OF CAB CORNER	
353. MASK WRAP WIRE HARNESS	
354. MASK/BAG INTERIOR FOR REFINISH	
355. MASK JAMS AND OPENINGS	
356. SPOT PAINT INNER SIDE OF WELDED FLANGES	
357. SPOT PAINT ROCKER	
358. SPOT PAINT BACK PANEL	
359. SPOT PAINT FLOOR	
360. GRAVEL GUARD CAB CORNER	
361. BACK GLASS INSTALLATION KIT	
362. QUARTER GLASS INSTALLATION KIT	
70 - CAB BACK PANEL, PICKUP:	
70 CAD DACK I ARELY I TOKOT .	





363. PRE-PULL BACK PANEL  364. REMOVE CAULKING & SEAM SEALER	
365. REPLACE CAULKING & SEAM SEALER	
366. CAVITY WAX COATING	
367. TEXT COAT, (SPRAY SEALER)	
368. WELD-THRU PRIMER	
369. SOUND DEADENER	
370. R&I TIRE REPLACMENT TOOLS	
371. REPAIR ADJACENT PANELS DAMAGED BY WELDING	
372. R&I SEAT	
373. R&I SEAT BELTS	
374. R&I CARPET AND INSULATION	
375. PULL BACK WIRE HARNESS	
376. FEATHER & FILL CONTOUR REPAIR AREA	
377. FEATHER & FILL WELDS	
378. CLEAN FILE AND DEBUR WELD AREA	
379. REPAIR GLASS OPEN FLANGE DAMAGE FROM CUT KNIFE	
380. WRAP MASK WIRE HARNESS	
381. MASK/BAG INTERIOR FOR REFINISH	
382. MASK FOR PRIMER APPLICATION	
383. REFINISH INNER SIDE	
384. SPOT PAINT INNER CAB CORNERS	
385. SPOT PAINT FLOOR	
386. BLACK OUT ON CAB BACK PANEL	
387. CAB CORNER GLASS INSTALLATION KIT	
75 - QUARTER PANEL:	
388. D&R BATTERY	
389. RESET MEMORY FUNCTIONS	
390. PROTECT INTERIOR FROM REPAIR CONTAMINATION	
391. PRE-PULL QUARTER	
392. REMOVE CAULKING AND SEAM SEALER *RANGE	
392. REMOVE CAULKING AND SEAM SEALER *RANGE	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE)	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE)	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES 404. REPAIR WHEEL HOUSE, FROM ADHESIVE DISTORTION DAMAGE	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES 404. REPAIR WHEEL HOUSE, FROM ADHESIVE DISTORTION DAMAGE	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES 404. REPAIR WHEEL HOUSE, FROM ADHESIVE DISTORTION DAMAGE 405. TEST FIT ATTACHING PARTS ** TAILLAMPS, GLASSES ETC**	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES 404. REPAIR WHEEL HOUSE, FROM ADHESIVE DISTORTION DAMAGE 405. TEST FIT ATTACHING PARTS ** TAILLAMPS, GLASSES ETC** 406. PULL BACK WIRE HARNESS	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES 404. REPAIR WHEEL HOUSE, FROM ADHESIVE DISTORTION DAMAGE 405. TEST FIT ATTACHING PARTS ** TAILLAMPS, GLASSES ETC** 406. PULL BACK WIRE HARNESS 407. R&I BACK SEAT-S	
392. REMOVE CAULKING AND SEAM SEALER *RANGE 393. REPLACE CAULKING AND SEAM SEALER (PER TUBE) 394. UNDERCOAT AT WHEEL WELL 395. CAVITY WAX 396. EXPANSION FOAM (PER TUBE) 397. SOUND DEADENER TEXT COAT WITH SPRAYBLE SEALER 398. SECOND COLOR BACK-SIDE 399. WELD-THRU PRIMER 400. SOUND DEADENER PADS 401. CLEAN & RE-TAPE GLUE ON MOLDINGS 402. REPLACE QUARTER W/O MOLDING WITH AFTERMARKET 403. FABRICATE QUARTER AND ROCKER PANEL SLEEVES 404. REPAIR WHEEL HOUSE, FROM ADHESIVE DISTORTION DAMAGE 405. TEST FIT ATTACHING PARTS ** TAILLAMPS, GLASSES ETC** 406. PULL BACK WIRE HARNESS 407. R&I BACK SEAT-S 408. R&I SEAT BELTS	





412. WHEEL OPEN BACKSIDE WELDS, REPAIR/DRESS		
413. REPAIR DECK LID TROUGH		
414. ROCKER WELDS BACKSIDE, REPAIR/DRESS		
415. REAR BODY PANEL BACKSIDE AT WELD AREA, REPAIR/DRESS		
416. GLASS FLANGE BACKSIDE OF WELD AREA, REPAIR/DRESS		
417. TRUNK FLOOR POCKET WELD AREA REAR OF TIRE, REPAIR/DRESS		
418. GRAVEL GUARD (SPRAY-ON)		
419. STONE GUARD DECAL		
420. REPLACE FOAM ADHESIVE BETWEEN WHEEL HOUSE & QTR		
421. REPAIR GLASS OPEN FLANGE DAMAGE FROM CUT KNIFE		
422. INSTALL SHUNTING PLIERS		
423. INSTALL CUT LINE TAPE		
424. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)		
425. COBALT DRILL BIT (BORON-TRIP-UZI BOR)		
426. CLEAN FILE AND DEBUR WELD AREA		
427. CAUTIONARY MEASURES TO PREVENT GLASS MOLDING DAMAGE		
428. MASK WRAP WIRE HARNESS		
429. MASK/BAG INTERIOR FOR REFINISH		
430. MASK QUARTER JAMBS & OPENINGS		
431. MASK FOR PRIMER APPLICATION		
432. SPOT PAINT DOOR OPEN FLANGE, BACKSIDE		
433. SPOT PAINT WHEEL OPEN BACKSIDE WELD AREA		
434. SPOT PAINT ROCKER, BACK SIDE		
435. SPOT PAINT BACKSIDE OF BACK PANEL AT WELD AREA		
436. SPOT PAINT BACKSIDE OF GLASS FLANGE WELD AREA		
437. SPOT PAINT TRUNK FLOOR WELD AREA		
438. REFINISH WELD DAMAGE AREAS ** EACH DIRECTION***		
439. REFINISH TWO TONE BLACK-OUT		
440. PULL-BACK/MASK QUARTER GLASS		
441. PULL-BACK/MASK BACK GLASS		
442. PREP QUARTER PANEL CLADDING FOR "RAW" PROCESSING		
443. REPLACE QUARTER GLASS URETHANE INSTALLATION KIT		
444. REPLACE BACK GLASS URETHANE INSTALLATION KIT		
80 - PICKUP BED SIDE PANEL:		
445. PREPULL BED SIDE PANEL		
446. PREPULL BED FLOOR PANEL		
447. STRIP SPRAY-ON BED LINER, COMPLETE		
448. REPLACE SPRAY-ON BED LINER, COMPLETE		
449. STRIP SPRAY-ON BED LINER, PARTIAL		
450. REPLACE SPRAY-ONBED LINER, PARTIAL		
451. R&I REAR BUMPER		
452. R&I BED ASSEMBLY		
453. REPLACE BED BOLTS, AS NEEDED		
454. R&I DROP-IN BED LINER		
455. R&I CAMPER SHELL		
456. R&I TONNEAU COVER		
457. REMOVE CAULKING AND SEAM SEALER		
458. REPLACE CAULKING AND SEAM SEALER		
459. REPLACE SELF LEVELING SEAM SEALER		
460. UNDERCOAT UNDERSIDE		
	1	1





	T
461. CAVITY WAX	
462. SOUND DEADENER SPRAYABLE SEALER	
463. WELD-THRU PRIMER	
464. TEST FIT PARTS ATTACHED TO BED SIDE	
465. REPLACE BONDING FOAM, UNDERSIDE OF BED RAIL	
466. REPLACE BONDING FOAM, WHEEL-WELL TO BED SIDE PNL	
467. REPLACE FLARE FASTENERS	
468. REPLACE FLARE ADHESIVE SEAL	
469. CLEAN & RETAPE ADHESIVE MOLDING-S	
470. PULL BACK WIRE HARNESS	
471. STONE GUARD DECAL	
472. FEATHER & FILL CONTOUR REPAIR AREA	
473. FEATHER & FILL WELDS	
474. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
475. LOOSEN AND FREE RUSTED/STUCK BOLTS	
476. REPAIR CAP-RAIL FLANGE, REMOVAL DISTORTION	
477. EXPANSION FOAM (PER TUBE)	
478. REPAIR FRONT BED PANEL	
479. REPAIR INNER BED PANEL	
480. REPAIR REAR SILL PANEL	
481. SPOT PAINT INNER BED PANEL	
482. MASK WRAP WIRE HARNESS	
483. MASK BED INTERIOR	
484. MASK FOR PRIMER APPLICATION	
485. SPOT PAINT FRONT BED PANEL	
486. SPOT PAINT REAR SILL PANEL	
487. REFINISH TWO TONE BLACK OUT	
488. GRAVEL GUARD	
85 - VAN/SUV SIDE PANEL:	
•	
489. PRE-PULL SIDE PANEL	
490. CAUTIONARY MEASURES TO PREVENT QUARTER GLASS DAMAGE	
491. GLASS OPEN FLANGE DAMAGE FROM CUT KNIFE, REPAIR	
492. QUARTER GLASS INSTALLATION KIT	
493. REMOVE CAULKING AND SEAM SEALER	
494. REPLACE CAULKING AND SEAM SEALER (PER TUBE)	
495. UNDERCOAT SIDE PANEL	
496. CAVITY WAX	
497. WELD-THRU PRIMER	
498. SOUND DEADENER SPRAYABLE SEALER	
499. EXPANSION FOAM (PER TUBE)	
500. CLEAN & RETAPE ADHESIVE MOLDINGS	
501. REPLACE WHEEL FLARE FASTENERS & ADHESIVE STRIP	
502. FABRICATE SIDE PANEL SLEEVES	
503. TEST FIT PARTS ATTACHED/ADJACENT TO SIDE PANEL	
504. R&I SPECIALITY INTERIOR	
505. PULL BACK WIRE HARNESS	
506. R&I SEAT-S	
507. R&I SEAT BELT-S	
508. RECOVER FREON	
509. EVACUATE & RECHARGE AC *SEPARATE FROM FRONT A/C*	





	1	
510. R&I REAR HEATER/AC COMPONENTS		
511. PULL-BACK CARPET AND FLOOR INSULATION		
512. REAR SILL AT WELD AREA, REPAIR		
513. FILL & FEATHER WELDS		
514. INNER PANEL DISTORTION DUE TO ADHESIVE, REPAIR		
515. WHEEL OPEN INNER STRUCTURE, REPAIR		
516. CLEAN FILE AND DEBUR WELD AREA		
517. FILL & FEATHER CONTOUR REPAIR AREAS		
518. COBALT DRILL BIT (BORON-TRIP-UZI BOR)		
519. STONE GUARD DECAL		
520. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)		
521. MASK WRAP WIRE HARNESS		
522. MASK/BAG INTERIOR FOR PROTECTION		
523. MASK JAMBS & OPENINGS		
524. MASK FOR PRIMER APPLICATION		
525. SPOT PAINT FLOOR AT WELDS		
526. SPOT PAINT BACK SIDE OF ROCKER		
527. SPOT PAINT REAL SILL		
528. ROOF DRIP WELDS, DRESS		
529. REFINISH ROOF		
530. REFINSH TWO TONE BLACK OUT		
531. PREP CLADDING FOR "RAW" PROCESSING		
532. GRAVEL GUARD		
533. PULL BACK/ROPE-MASK SIDE PANEL GLASS MOLDING		
90 - DECK LID:		
534. ACCESS PULLING & CUTTING, ACCESS TO COMPONENTS		
535. R&I LICENSE PLATE		
536. REPAIR LICENSE PLATE		
537. DRILL FOR LICENSE PLATE BRACKET		
538. REPAIR DECK LID HINGES		
539. REPAIR HINGE MOUNT AREA		
540. TRIAL FIT AND POSITION		
541. R&I AUTO LOCK		
542. REFINISH TWO TONE BLACK OUT		
543. RE-CODE DECK LID CYLINDER		
544. SEAM SEAL INNER EDGE		
545. CAVITY WAX		
546. MINI BULBS		
547. WIRE HARNESS REPAIR		
548. DRILL TEMPLATE FOR SPOILER		
549. LOCK LINKAGE REPAIR		
550. PREP DECK LID CLADDING FOR "RAW" PROCESSING		
95 - REAR BODY PANEL:		
551. PRE-PULL REAR BODY PANEL		
552. REMOVE CAULKING AND SEAM SEALER		
553. REPLACE CAULKING AND SEAM SEALER		
554. UNDERCOATING REAR BODY PANEL		
555. CAVITY WAX		
556. COBALT DRILL BIT (BORON-TRIP-UZI BOR)		
557. SELF LEAVELING SEAM SEALER		
	L	1





	 1
558. WELD-THRU PRIMER	
559. SOUND DEADENER, SPRAYABLE SEALER	
560. R&I LICENSE PLATE	
561. REPAIR LICENSE PLATE	
562. DRILL FOR LICENSE PLATE BRACKET	
563. MOVE TO PROTECT OR R&I EXHAUST	
564. R&I SPARE TIRE AND TOOLS	
565. TEST FITS PARTS ATTACHED/ADJACENT TO BODY PANEL	
566. FEATHER & FILL CONTOUR REPAIR AREA	
567. BRAZING, COPPER SILIUM MIG BRAZING	
568. FEATHER & FILL WELDS	
569. REPAIR INNER SIDE OF BODY PANEL AT WELD AREAS	
570. REPAIR LEFT QUARTER PANEL REPAIR AT WELD AREA	
571. REPAIR RIGHT QUARTER PANEL REPAIR AT WELD AREA	
572. REPAIR FLOOR WELD DAMAGE	
573. REPAIR FLOOR	
574. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
575. WIRE HARNESS, REPAIR	
576. CLEAN FILE AND DEBUR WELD AREA	
577. WIRE HARNESS FASTENERS, REPLACE	
578. RE-CODE LOCK CYLINDER	
579. PULL BACK WIRE HARNESS	
580. WRAP/MASK WIRE HARNESS	
581. MASK BAG INTERIOR FOR REFINISH	
582. MASK JAMS AND EDGES OF BODY PANEL	
583. SPOT PAINT INNER SIDE OF ADJACENT PANELS AT WELD AREAS	
584. REFINISH BACK SIDE OF BODY PANEL (SECOND COLOR?)	
585. SPOT PAINT TOP SIDE OF FLOOR PANEL	
586. SPOT PAINT UNDERSIDE OF FLOOR PANEL	
587. SPOT PAINT INNER SIDES OF QUARTER PANELS AT WELD AREA	
588. REFINISH TWO TONE BLACK OUT	
100 - FLOOR:	
589. PRE-PULL FLOOR PANEL	
590. REMOVE CAULKING AND SEAM SEALER	
591. REPLACE CAULKING AND SEAM SEALER **PER TUBE***	
592. UNDERCOAT	
593. CAVITY WAX	
594. WELD-THRU PRIMER	
595. COBALT DRILL BIT (BORON-TRIP-UZI BOR)	
596. SOUND DEADENER, SPRAYABLE SEALER (TWO TUBES)	
597. COLATERAL DAMAGE FROM THE REPAIR PROCESS (BUILD SEQUENCE)	
598. R&I EXHAUST	
599. R&I SPARE TIRE AND TOOLS	
600. TEST FIT PARTS ATTACHED/ADJACENT TO FLOOR PANEL	
601. R&I ELECTRONIC COMPONENTS AT FLOOR AREA (CD, AMP, SRS)	
602. R&I EMMISIONS COMPONENTS AT FLOOR AREA	
603. R&I TRUNK INTERIOR ***INDIVIDUAL COMPONENTS***	
604. PULL BACK WIRE HARNESS	
605. EXPANSION FOAM	
606. FEATHER & FILL AREAS ATTACHED BY WELDING	





607. R&I BOLTED SUSPENTION *ALL COMPONENTS*****		
608. CROSSMEMBER AT WELD AREA, REPAIR/DRESS		
609. SIDE FLOOR EXTENSIONS, REPAIR		
610. FRAME RAIL FLANGE REPAIR AT WELD AREA		
611. WHEEL HOUSE(S) REPAIR AT WELD AREA		
612. CLEAN FILE AND DEBUR WELD AREA		
613. PULL BACK MASK LINES AND CABLES AT FLOOR AREA		
614. R&I FUEL TANK		
615. DRAIN FUEL FROM TANK		
616. WRAP MASK WIRE HARNESS		
617. MASK & PROTECT INTERIOR		
618. REFINISH TOP SIDE OF FLOOR		
619. REFINISH UNDERSIDE OF FLOOR		
620. SPOT PAINT UNDERSIDE ADJACENT PANELS AT WELD AREA		
621. CENTER FLOOR AT WELD AREA, REPAIR/DRESS		
622. SPOT PAINT CENTER FLOOR AREA		
623. SPOT PAINT CROSSMEMBER		
624. SPOT PAINT FLOOR EXTENSIONS		
625. SPOT PAINT RAILS AT WELD AREA, UNDERSIDE		
626. SPOT PAINT WHEEL HOUSE AT WELD AREA		
627. FLOOR TWO TONE AND/OR BLACK-OUT		
105 - PROTECTION & SAFETY:		
628. D&R HYBRID BATTERY		
629. HYBRID BATTERY PROTECTIVE STORAGE		
630. D&R BATTERY		
631. RESET ELECTRONIC MEMORY, RADIO		
632. RESET ELECTRONIC MEMORY, SEAT/STEERING WHEEL		
633. DIAGNOSE SRS DISPLAY		
634. DISABLE/ENABLE SRS		
635. DIAGNOSE ALARM CODES		
636. MASK ELECTRONIC CONNECTIONS		
637. R&I FUEL TANK		
638. DRAIN FUEL FROM TANK		
110 - PAINT PREP:		
639. REMOVE OIL , TAR & GREASE		
640. REMOVE CORROSION PROTECTION MATERIAL		
641. RESTORE CORROSION PROTECTION		
642. REMOVE MOLDING ADHESIVE		
115 - REFINISH PROCESS:		
643. DIFFICULT COLOR, TINTING & TESTING (INACCURATE VARIANCE)		
644. MASK FOR PRIMING		
645. SPOT PAINT CORESUPPORT AFTER INSTALLED (SECOND PAINT)		
646. SPRAY OUT TEST PANEL		
647. SPRAY OUT LET-DOWN PANEL FOR THREE STAGE		
648. SPRAY OUT LET-DOWN PANEL FOR TRANSPARENT COLOR		
649. COLOR TINT & TEST TO BLENDABLE MATCH		
650. COLOR TINT SECOND COLOR		
651. GRAVEL GUARD FIRST PANEL		
652. GRAVEL GUARD SECOND PANEL		
	•	•





Body
 Paint
 Structural
 Mechanical
 Detail
 Other

	1	Т
653. GRAVEL GUARD THIRD PANEL		
654. GRAVEL GUARD SPRAY-OUT TEST PANEL		
655. HAZARDOUS WASTE DISPOSAL		
656. UNDERSIDE COLOR TINTING & TESTING (CORESUPPORT & TRUNK AREAS)		
657. UNDERSIDE COLOR REFINISH		
658. COVER VEHICLE (FOR REFINISHING ONE TIME)		
659. REFINISHING JAMBS (SEPARATE COLOR THAN EXTERIOR-EACH COLOR*)		
660. MASKING JAMBS		
120 - COLOR-SAND & POLISH:		
661. COLOR SAND & POLISH, 1 <sup>ST</sup> PANEL (MATERIALS AND LABOR)		
662. COLOR SAND & POLISH, 2 <sup>ND</sup> PANEL (MATERIALS AND LABOR)		
663. COLOR SAND & POLISH, 3 <sup>RD</sup> PANEL (MATERIALS AND LABOR)		
664. COLOR SAND & POLISH, 4 <sup>TH</sup> PANEL (MATERIALS AND LABOR)		
665. COLOR SAND & POLISH, 5 <sup>TH</sup> PANEL (MATERIALS AND LABOR)		
666. COLOR SAND & POLISH, 6 <sup>TH</sup> PANEL (MATERIALS AND LABOR)		
667. COLOR SAND & POLISH, 7 <sup>TH</sup> PANEL (MATERIALS AND LABOR)		
668. COLOR SAND & POLISH, 8 <sup>TH</sup> PANEL (MATERIALS AND LABOR)		
669. FINAL WASH TO REMOVE COMPOUND RESIDUE		
670. POLISH RIM SKUFF		
671. SPOT REFINISH RIM		
125 - STRIPES:		
672. REMOVE OLD STRIPES WITH ERASER WHEEL USE		
673. RESTRIPE WITH FINE-LINE TAPE		
674. RESTRIPE PAINTED-ON		
675. FACTORY STRIPE INSTALLATION		
130 - GLASS:		
676. CAUTIONARY STEPS TO PREVENT DAMAGE		
677. REPAIR FLANGE DAMAGE FROM CUT KNIFE		
678. TEST FIT GLASS		
679. REMOVE URETHANE RESEDUE AT PINCHWELD, FULL CUT OUT		
680. BROKEN GLASS CLEAN-UP (SEATS & CARPET)		
681. BROKEN GLASS CLEAN-UP (VENTS) **R&I DASH NEEDED????***		
682. URETHANE ADHESIVE REMOVAL		
683. URETHANE GLASS KIT		
135 - FRAME SET UP:		
684. UNIBODY CLAMP SYSTEM		
685. FULL FRAME CLAMP SYSTEM		
686. NON-DRIVE VEHICLE (NO START)		
687. DISABLE VEHICLE (DOES NOT ROLL)		
688. LIFTED/LOWERED VEHICLE		
689. TRAM VEHICLE TO DETERMINE IF MOVEMENT EXISTS		
690. INSTALL MECHANICAL MEASURING SYSTEM		
691. ELECTRONIC MEASUREMENT DOCUMENT		
692. R&I ROCKER MLDGS- ACCESS TO CLAMP AREA		
693. ACCESS PULLING TO FACILITATE TEAR DOWN		
694. R&I INTERFERING WIRES, TUBING/LINES, EXHAUST		
695. R&I SUSPENSION/STEERING, PARTIAL		
696. REPAIR CLAMP SCARING ON ROCKER FLANGE		
697. REPAIR ANCHOR DAMAGE AT LOCKING POINTS		





COO DEDAID DROTECTIVE CONTINUE AT DOCKED	
698. REPAIR PROTECTIVE COATING AT ROCKER	
699. PAINT ROCKER FLANGE	
140 – FRAME REPLACEMENT	
700. MEASURE USED FRAME	
701. CLEAN USED FRAME	
702. DISPOSE OF VIN / REGISTER NEW FRAME VIN	
703. CUT UP DAMAGED FROM FOR DISPOSAL	
704. CUT UP AND DISPOSE OF CRATE	
705. BLEED BRAKES	
706. DRAIN BRAKE FLUID	
707. DRAIN RADIATOR	
708. BLEED RADIATOR SYSTEM	
709. RADIATOR COOLANT	
710. R&I TRANS COOLER	
711. TRANSMISSION FLUID	
712. R&I HEATER HOSES	
713. SET OR ADJUST PARKING BRAKE	
714. EVACUATE AND RECHARGE A/C SYSTEM	
715. A/C OIL AND FREON	
716. A/C "O" RINGS	
717. REMOVE PRESSURE FROM AB AND RECHARGE ABS SYSTEM	
718. DIAGNOSE ABS (SCAN TOOL)	
719. R&I HEAT SHIELDS	
720. R&I SPARE TIRE CARRIER	
721. R&I BED SHELL (IF EQUIPPED)	
722. R&I BED LINER (IF EQUIPPED)	
723. 4 WHEEL ALIGNMENT	
724. REMOVE & STORE FUEL FROM GAS TANK	
725. R&I FUEL NECK ASSEMBLY	
726. R&I WHEELS	
727. R&I BOTTOM ENGINE SHIELDS AND SKID PLATES	
728. R&I ABS SENSORS	
729. R&I ABS WIRE LOOM	
730. R&I TRAILER HITCH AND WIRES	
731. R&I EXHAUST SYSTEM AS ASSEMBLY	
732. R&I EXHAUST SYSTEM AS COMPONENTS	
733. R&I 4 WHEEL DRIVE SHAFT	
734. R&I REAR DRIVE SHAFT ON 4 WHEEL DRIVE AS COMPONENTS	
735. R&I RIDE HEIGHT SENSORS	
736. CALIBRATE RIDE HEIGHT	
737. R&I RIDE HEIGHT WIRE LOOM	
738. O/H SUSPENSION PARTS THAT ARE DAMAGED	
739. R&I PARTS THAT CANNOT BE REMOVED AS ASSEMBLY	
740. R&I CARPETS FOR ACCESS	
741. FREIGHT FOR FRAME	
742. D&R BATTERY	
743. RESET RADIO CODES	
744.R7I FAN	
745. R&I FAN SHROUD	
746. R&I MOUNTING CLIPS AND BRACKETS	





		,
747. REPLACE BROKEN CLIPS		
748. R&I FENDER SHIELDS OR LINERS		
749. R&I (M) COMPONENTS ATTACHED TO FRAME		
750. D&R BRAKE LINE TO BRAKE BOOSTER		
751. DRAIN POWER STEERING FLUID		
752. REPLACE POWER STEERING FLUID		
753. REPLACE WASHER FLUIDS		
754. ROAD TEST		
755. PRE-SCAN VEHICLE		
756. POST-REPAIR SCAN		
757. RESET ALL TROUBLE CODES		
758. DISABLE AND ENABLE SRS SYSTEM		
759. R&I CENTER CONSOLE TO DISCONNECT SHIFTER		
760. DISCONNECT STEERING SHAFT		
761. R&I ELECTRICAL SUSPENISION COMPONENTS		
762. TOW TO DEALER TO RESET CODES		
763. SET BODY ON ROLLING BENCH (OR FRAME BENCH)		
764. RESET ELECTRICAL COMPONENTS		
765. REPLACE PAG OIL FOR RIDE HEIGHT COMPRESSOR		
766. RIDE HEIGHT COMPRESSOR TANK		
767. HAZ WASTE DISPOSAL		
768. ADDITIONAL WORK SPACE (2 <sup>ND</sup> STALL)		
769. R&I OIL COOLER		
770. R&I HYDRAULIC/ELECTRIC ANIT-SWAY BAR		
771. BLEED AND DRAIN HYDROLIC SWAY BAR		
772. CHECK FLUIDS (ENGINE, TRANS, TRANSFER CASE, FRONT AND/OR REAR DIFF.)		
773. R&I RUNNING BOARDS		
774. R&I WINCH		
775. R&I BRUSH BAR		
776. R&I EMISSIONS COMPONENTS		
770. INITIALIZATION OF WINDOWS, SUN ROOF, DOOR LOCKS, ETC.		
778. RESET STEERING ANGLE SENSOR		
779. R&I HEADLAMPS FOR ACCESS		
780. AIM HEADLAMPS	<del>                                     </del>	
781. R&I GRILLE 782. R&I CORE SUPPORT FOR ACCESS (BOLT ON TYPE)	_	
, , ,		
783. R&I RADIATOR 784. R&I A/C CONDENSOR		
·		
785. R&I POWER STEERING COOLER		
786. CAP OFF A/C LINES		
787. CAP OF EVAPORATOR		
788. STRAIGHTEN / PULL DAMAGED FRAME FOR REMOVAL ACCESS	<del> </del>	
789. REPLACE DAMAGED MOUNTING HARDWARE		
790. REPAIR MOUNTING LOCATIONS ON CAB / BED	<del> </del>	
791. R&I FUEL LINES ATTACHED TO FRAME	-	
792. CORROSION PROTECTION (AS PER OEM GUIDELINES)		
793. R&I BRAKE CALIPERS		
794. R&I SPEED SENSORS		
795. CALIBRATE ABS SYSTEM		
796. R&I AUX FUEL TANK		
797. D&R DRIVE SHAFTS FROM FRONT SUSPENSION (FRONT WHEEL DRIVE VEH)		





798. R&I ABS LINES	
145 - FRONT END DAMAGE:	
799. PRE-PULL TO FACILITATE TEAR DOWN	
800. PULL & REPOSITION CORESUPPORT	
801. REPAIR FRONT BUMPER WELDED MOUNTING BRACKET (EACH)	
802. CORRECT UPPER RAIL/APRON SWAY, LEFT	
803. CORRECT UPPER RAIL/APRON SWAY, RIGHT	
804. CORRECT UPPER RAIL/APRON HEIGHT, LEFT	
805. CORRECT UPPER RAIL/APRON HEIGHT, RIGHT	
806. CORRECT UPPER RAIL APRON LENGTH/MASH, LEFT	
807. CORRECT UPPER RAIL APRON LENGTH/MASH, RIGHT	
808. REPAIR AND CORRECT DIAMOND CONDITION	
809. MEASURE SUSPENSION X-1 CAR-O-LINER	
810. POSITION AND ALIGN FRONT CROSSMEMBER	
811. POSITION AND ALIGN CENTER CROSSMEMBER	
812. POSITION AND ALIGN REAR CROSSMEMBER	
813. R&I COMPONENTS MOUNTED TO APRON-S	
814. LOOSEN BRACKETS FOR PULL AND REPAIR	
815. REPAIR LEFT LEAF SPRING BRACKET/SHACKLE	
816. REPAIR RIGHT LEAF SPRING BRACKET/SHACKLE	
817. PULL LEFT RAIL, SWAY	
818. PULL RIGHTRAIL, SWAY	
819. PULL LEFT RAIL LENGTH	
820. PULL RIGHT RAIL LENGTH	
821. REPAIR LEFT RAIL MASH (CUT OUT MASH TO REPAIR)	
822. REPAIR RIGHT RAIL MASH (CUT OUT MASH TO REPAIR)	
823. PULL LEFT RAIL HEIGHT	
824. PULL RIGHT RAIL HEIGHT	
825. CORRECT LEFT RAIL TWIST	
826. CORRECT RIGHT RAIL TWIST	
827. PULL ENGINE/SUSPENSION CROSSMEMBER	
828. PULL & POSITION APRON, LEFT	
829. PULL & POSITION APRON, RIGHT	
830. PULL & POSITION STRUT TOWER, LEFT	
831. PULL & POSITION STRUT TOWER, RIGHT	
832. VECTOR INWARD RAIL TWIST **(EACH RAIL) **	
833. R&I ENGINE (FOR ACCESS)	
834. R&I TRANSMISSION (FOR ACCESS)	
150 - SIDE DAMAGE:	
835. ACCESS PULLING TO FACILITATE TEAR DOWN	
836. PULL & POSITION COWL FOR REPAIR	
837. PULL & POSITION DASH REINFORCEMENT BAR	
838. PULL & POSITION PILLAR, OUTBOARD (EACH OF A,B & C PILLARS)	
839. PULL & POSITION PILLAR, REARWARD (EACH OF A, B & C PILLARS)	
840. PULL & POSITION PILLAR, FORWARD (EACH OF A, B & C PILLARS)	
841. PULL & POSITION PILLAR, TWIST (EACH OF A, B & C PILLARS)	
842. SQUARE DOOR OPENING (TRIAL FIT DOOR AS NEEDED)	
843. PULL & POSITION ROCKER	
844. PULL & POSITION CENTER FLOOR	
845. LOOSEN FULL FRAME BRACKETS	





846. CORRECT PILLAR INNER REINFORCEMENT (EACH OF A,B & C PILLARS)	
847. CORRECT PILLAR INNER PANEL (EACH OF A, B & C PILLARS)	
848. CORRECT ROCKER INNER REINFORCEMENT	
849. CORRECT ROCKER INNER PANEL	
850. PULL QUARTER PANEL POST	
851. PULL/CORRECT PACKAGE TRAY AREA	
155 - REAR END DAMAGE:	
852. ACCESS PULLING TO FACILITATE TEAR DOWN	
853. REPAIR REAR FRAME RAIL WELDED BRACKET (EACH SIDE)	
854. REPAIR REAR LEAF SPRING BRACKET/SHACKLE (EACH SIDE)	
855. PULL & POSITION REAR BODY PANEL	
856. PULL REAR FLOOR PAN, LENGTH	
857. PULL REAR FLOOR PAN, LEVEL	
858. PULL LEFT RAIL, LENGTH	
859. PULL RIGHT RAIL, LENGTH	
860. PULL LEFT RAIL, SWAY	
861. PULL RIGHT RAIL, SWAY	
862. PULL LEFT RAIL, HEIGHT	
863. PULL RIGHT RAIL, HEIGHT	
864. PULL LEFT RAIL, TWIST	
865. PULL RIGHT RAIL, TWIST	
866. PULL & POSITION REAR CROSSMEMBER	
867. PULL & POSITION LEFT QUARTER (FOR REPAIR)	
868. PULL & POSITION RIGHT QUARTER (FOR REPAIR)	
869. PULL & POSITION LEFT INNER QUARTER STRUCTURE	
870. PULL & POSITION RIGHT INNER QUARTER STRUCTURE	
871. PULL & POSITION SUSPENSION MOUTING POINTS	
872. CORRECT DIAMOND CONDITION	
873. CORRECT RAIL PERCH AT SPRING MOUNT AREA	
874. REMOVE TWIST IN CENTER SECTION OF FULL FRAME	
875. CORRECT BODY/CAB MOUNTS	
876. CORRECT BODY TO FRAME ISOLATOR MOUNTS	
877. MEASURE SUSPENSION CONTROL POINTS	
878. CORRECT BED MOUNTS	
879. PULL & POSITION BED X-MEMBER	
880. PULL & POSITION BED FLOOR	
881. PULL & POSITION BED SIDE PANEL, OUTER (FOR REPAIR)	
882. PULL & POSITION BED INNER PANEL	
883. PULL & POSITION BED FRONT PANEL	
884. CORRECT TAIL GATE OPENING, SQUARE	
885. CORRECT RAIL MASH	
886. CORRECT BUMPER BRACKET MOUNT AREA	
887. VECTOR REPAIR INWARD RAIL TWIST (EACH RAIL)	
160 - FLOOR ANCHOR PULLING SYSTEM:	
888. FLOOR ANCHOR CLAMP SYSTEM SET UP	
889. FLOOR PULL CORESUPPORT	
890. FLOOR PULL APRON	
891. FLOOR PULL UPPER RAIL	
892. FLOOR PULL QUARTER LOCK POST/DOG LEG	
893. FLOOR PULL QUARTER WHEEL HOUSE	





	1
894. FLOOR PULL BACK PANEL	
895. FLOOR PULL BUMPER MOUNT AREA	
165 - THEFT/VANDALISM:	
896. DETAIL/CLEANUP	
897. MECHANICAL CHECK	
898. ROAD TEST	
899. CHECK FLUIDS AND LAMPS	
900. TOP OFF FLUIDS	
901. COPY KEY FROM CYLINDER	
902. CODE IGNITION CYLINGER	
903. CODE DOOR CYLINDER	
170 - DETAIL/CLEAN-UP:	
904. DETAIL	
905. PAINT SEALANT (COMPLETE) LIFETIME WARANTY	
906. PAINT SEALANT (PER PANEL)	
907. CLEAN INTERIOR FROM SPILLS CAUSED BY LOSS	
908. CLEAN & DETAIL , POLISH AND SWIRL MARK REMOVAL	
909. CLEAN FOR DELIVERY	
910. CLEAN UP DEPLOYED AIR BAG RESIDUE	
175 - TOW, STORAGE & ADMINISTRATION:	
911. TEAR DOWN CHARGE	
912. RR&I ALL LKQ/USED COMPONETS	
913. INSIDE STORAGE	
914. OUTSIDE STORAGE	
915. ADMINISTRATIVE FEE - TYPICAL	
916. ADMINISTRATIVE FEE - EXTENSIVE	
917. REPLACE ALUMINUM SILICATE STONE	
918. REPLACE ALUMINUM PRIMER	
919. REPLACE CLEANING SOLUTION (ALL WELDED AND BONDED PANELS)	
920. REMOVE HOT WAX COATING	
921. INSTALL FLOWABLE HOT SEALER	
922. REPLACE FLOW FORM BOLT	
923. REPLACE PUNCH INSERT	
924. INSTALL PYROSIL COATING AND ADHESION	
925. REPLACE BELT SANDER BELT KIT	
926. REPLACE INJECTION ADHESION REMOVER	
927. PREP ALUMINUM COUPONS AND PREP TIME (PREP WELD)	
928. REPLACE ALUMINUM CUTTING WHEEL	
929. RECHARGE VEHICLE FOR DELIVERY	
930. REPLACE CUTTING TOOL LUBRICATION KIT	
931. REPLACE ALUMINUM CLEANING BRUSH	
932. REPLACE SPR'S ,FLOW FORM, CLINCH, HUCK PINS AND BLIND RIVETS	
933. REPLACE TWO PART STRUCTURAL ADHESIVE	
934. REPLACE BODY SAW BLADE	
935. LAZER WELD REMOVER TWIST	
936. REPLACE HOS COBALT BIT	
937. ALUMINUM SUBSTRAIGHT LABOR RATE	
938. ALUMINUM SUBSTRAIGHT STRUCTURAL RATE	
	I





939. REPLACE FANTHEL COATING	
940. DYE PENETRANT CHECK COATING (WELD TEST)	
941. REPAIR FLANGE CLEAVES AFTER RIVET BOND APPLICATION	
942. ALUMINUM EPOXY PRIMER APPLICATION	
943. REPLACE ALUMINUM REPAIR CUPS	
944. REPLACE DACREMET PRIMER SEALER	
945. REPAIR ALUMINUM FLANGE	
946. SPR RIVET KIT	
947. SPR PUNCH RIVET PRESSURE RING	
948. EXPANSION FOAM	
949. FABRICATE SLEEVE INSERT	
950. FLOW FORM RIVET SET	
951. STRUCTURAL ADHESIVE	
952. SELF LEAVING SEAM SEALER	
953. REPLACE ALUMINUM WIRE FOR MAG WELDER	
954. ADHESIVE CLEAN UP (BENCH)	
955. ALUMINUM PULL PINS	
956. REPLACE NON-CONDUCTIVE STRUCTURAL URETHANE	
957. JIG BENCH SET UP (LOWER)	
958. JIG BENCH SET UP (UPPER)	
959. JIG RENTAL (PLUS SHIPPING BOTH WAYS)	
960. JIG BENCH (SIDE GANTREY)	
961. JIG BENCH DOWNTIME (WAITING ON APPROVAL, JIGS OR PARTS)	
962. DIAG REFERANCE CODES	
963. VOLTAGE TEST (PRIOR TO REPAIRS)	
964. BLEED COOLING SYSTEM	
965. A/C CHARGE	
966. COOLING FAN TEST	
967. RE-SET INSTRUMENT CLUSTER	
968. DISABLE BATTERY LOOP	
969. RE-SET AIR SUSPENSION	
970. RE-SET TPMS	
971. RIDE HEIGHT TEST (MAY REQUIRE MULTIPLE TESTS)	
972. DE-GAS AIR SUSPENSION	
973. INSPECT AND CHECK WATER PUMPS (EACH PUMP)	
974. R&I CABIN FILTER BEFORE REFINISH	
975. RECALIBRATE WINDOW SYSTEMS	
976. SEAM SEAL DOOR	
977. SEAM SEAL LIFTGATE	
978. SEAM SEAL HINGE	
979. R&I REAR SUSPENSION WITH (BATTERY R&I ACCESS)	
980. CAMERA AND RADAR RECALIBRATION TEST	
200. CAMERIA AND HADAR RECALIDITATION 1E21	





981. YF 1234 REFRIGERANT (PER POUND)	
982. ALUMINUM WIRE KIT PER PANEL	
983. WELDING WIRE	
984. COBALT BIT PACK	
985. MIG BRAZING KIT	
986. CAVITY WAX INSTALLATION PER PANEL	
987. RESET ELECTRONICS	
988. MASKING FOR APPLYING DYE PENENTRANT (EACH PANEL)	
989. CHECK FOR CRACKS USING DYE PENENTRANT	
990. APPLY EPOXY PRIMER COAT	
991. SECONDARY CLEANING FOR OXIDE REMOVAL (PER PANEL)	
992. HEATING/BAKING HARDENED ALUMINUM TO LOOSEN ADHESIVE	
993. CLEANING PREP AREA OF ADHESIVE (PRIOR TO DRYING)	
994. REMOVAL OF ELECTRONICS WITH 300 MM OF WELDING ZONE	
995. RESETTING AND DIAGNOSIS OF ELECTRONICS	
996. COUNTER SINK ALUMINUM FOR RIVET APPLICATION (PER RIVET)	
997. REMOVE STRUCTURAL ADHESIVE ADJACENT PANELS (PER PANEL)	
998. CALIBRATE AND MEASURE METAL THICKNESS FOR CORRECT DIAMETER	
999. FABRICATE AND PUNCH HOLE FOR FREE FLOW RIVET (PER HOLE)	
1000. ADHESIVE "WET TIME" ON FIXTURE BENCH (CELETTE-CAR-BENCH-CAROLINER)	
1001. APPLY NON-DIELECTRIC ADHESIVE TO GLASS AREAS	
1002. CLEANING AND DEGREASING PANEL(S) PRIOR TO ADHESIVE INSTALLATION	
1003. BUILD SEQUENCE ON ADJACENT ALUMINUM PANELS (PER PANEL)	
1004. APPLYING HEATING SOURCE AND MONITORING PANEL(S) DURING REPAIR PROCESS	
1005. TEST FITTING PRIOR TO INSTALLING PART (PER PANEL)	
1006. SECONDARY MEASUREMENT PRIOR TO BONDING ADHESIVE APPLICATION	
1007. CONSTRUCTING SLEEVE OR BACKER PLATE FOR PANEL REPLACEMENT	
1008. REMOVE DAMAGED PARTS FOR REPAIR/REPLACEMENT ACCESS	
1009. ADVANCED CHARGES	
1010. TOW FEE TO DEALER	
1011. TOW FEE BACK FROM DEALER, RETURN	
1012. IMMOBILE VEHICLE OR PART, YARD SERVICE FEE (FORK LIFT USE)	
1013. INOPERATIVE VEHICLE (NO START/NO KEYS)	
1014. RELOCATION FEE	
1015. VEHICLE PICKUP SERVICE FEE	
1016. FLUID SPILL CLEAN UP FEE (ADD FOR ABSORBENT MATERIAL)	
1017. VEHICLE DISPOSAL FEE	
1018. RESTOCKING FEE'S	
1019. PROTECT INTERIOR (ADD FOR PLASTIC WRAP MATERIAL)	
1020. CUSTOMER ASSISTANCE FEE (GATHERING OF PERSONAL ITEMS)	
1021. AFTER HOURS RELEASE FEE	
1021. AFTER HOORS RELEASE FEE  1022. VEHICLE PROCESSING FEE (DMV)	
• • •	
180 - FINAL BILL/MISCELLANEOUS:	
1023. SHIPPING/TRANSPORTATION CHARGES	
1024. TIRE DISPOSAL FEE	
1025. RECHARGING FEE	
1026. BATTERY DISPOSAL FEE	
1027. OIL DISPOSAL FEE	
1028. SOLID WASTE DISPOSAL FEES	
1029. VISUAL DAMAGE ESTIMATE (NO-REPAIR/O.R.CUSTOMER)	





1030. FINAL BILL, AUTHORIZATION TO PAY SECURED	
1031. MINIMUM DISASSEMBLE FEE	
1032. NEED TEAR DOWN FOR COMPLETE ESTIMATE	
1033. TOTAL LOSS ADMINISTRATION FEE	