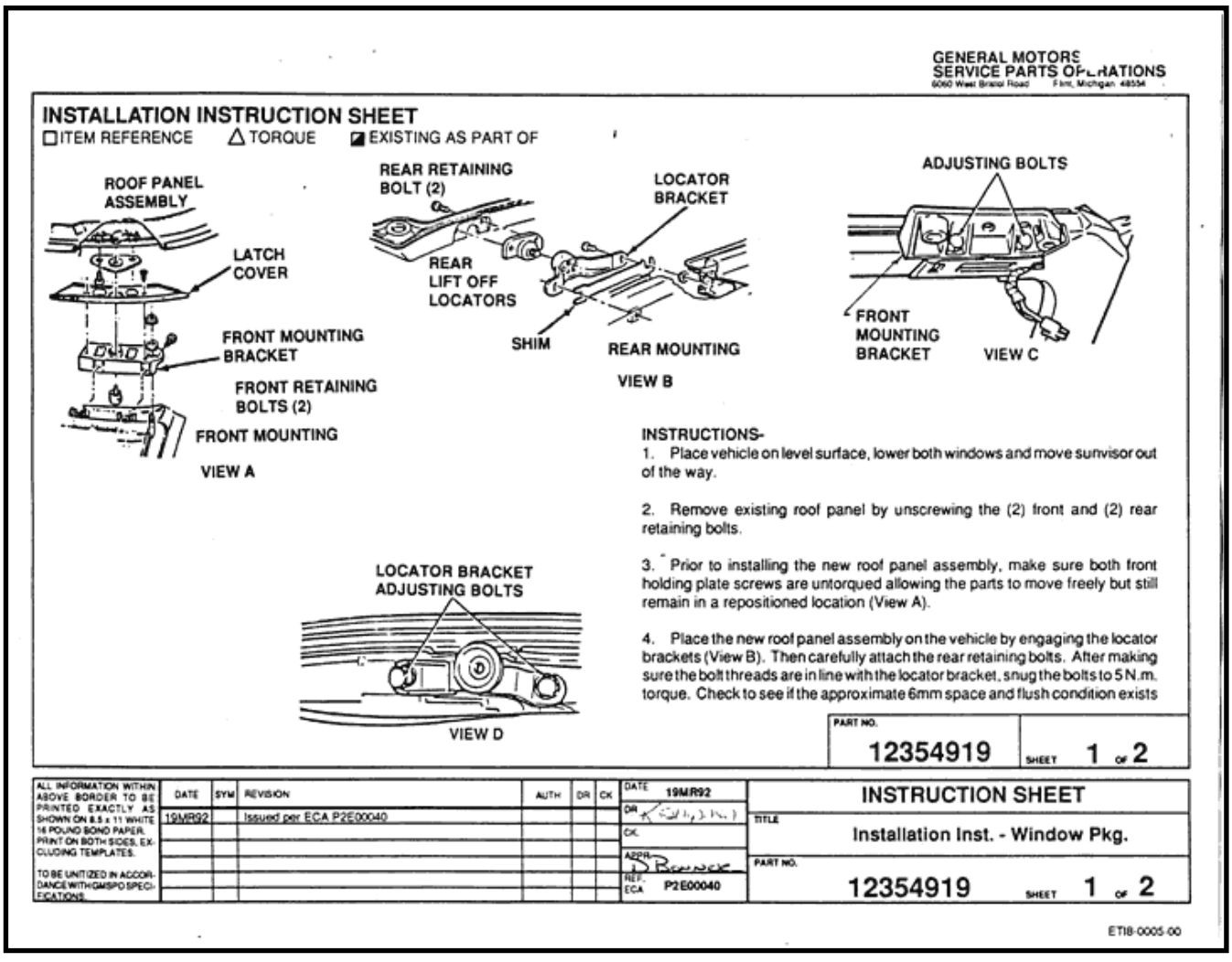
1986 - 1988 Corvette: Service Bulletin: Roof Panel Adjustment Procedures

Subject: Roof Panel Adjustment

Model and Year:

1986 - 1988 Corvette Coupes

Source: GM Service Parts Operations



GENERAL MOTORS
SERVICE PARTS OPERATIONS
6060 West Bristol Road Flint, Michigan 48554

INSTALLATION INSTRUCTION SHEET

☐ ITEM REFERENCE △ TORQUE ◪ EXISTING AS PART OF

ROOF PANEL ASSEMBLY
LATCH COVER
FRONT MOUNTING BRACKET
FRONT RETAINING BOLTS (2)
FRONT MOUNTING
VIEW A

REAR RETAINING BOLT (2)
LOCATOR BRACKET
REAR LIFT OFF LOCATORS
SHIM
REAR MOUNTING
VIEW B

ADJUSTING BOLTS
FRONT MOUNTING BRACKET
VIEW C

LOCATOR BRACKET ADJUSTING BOLTS
VIEW D

INSTRUCTIONS-

1. Place vehicle on level surface, lower both windows and move sunvisor out of the way.
2. Remove existing roof panel by unscrewing the (2) front and (2) rear retaining bolts.
3. Prior to installing the new roof panel assembly, make sure both front holding plate screws are untorqued allowing the parts to move freely but still remain in a repositioned location (View A).
4. Place the new roof panel assembly on the vehicle by engaging the locator brackets (View B). Then carefully attach the rear retaining bolts. After making sure the bolt threads are in line with the locator bracket, snug the bolts to 5 N.m. torque. Check to see if the approximate 6mm space and flush condition exists

PART NO. 12354919 SHEET 1 OF 2

ALL INFORMATION WITHIN ABOVE BORDER TO BE PRINTED EXACTLY AS SHOWN ON 8.5 x 11 WHITE 16 POUND BOND PAPER. PRINT ON BOTH SIDES, EXCLUDING TEMPLATES. TO BE UNITIZED IN ACCORDANCE WITH GMSPO SPECIFICATIONS.	DATE	SYM	REVISION	AUTH	DR	CK
	19MR92		Issued per ECA P2E00040			

DATE 19MR92
DR
CK.
APPR.
REF. ECA P2E00040

INSTRUCTION SHEET
TITLE Installation Inst. - Window Pkg.
PART NO. 12354919 SHEET 1 OF 2

ET18-0005-00

INSTALLATION INSTRUCTION SHEET

☐ ITEM REFERENCE △ TORQUE ◪ EXISTING AS PART OF

between the roof panel and upper body rear panel. (If these conditions are met, proceed to step 5. (if not, proceed to step A).

5. Align the front retaining bolts in the front mounting brackets with the threaded hole in the "loose" front holding plates (View A). Torque the rear retaining bolts to 20 N.m., then the front retaining bolts to 15 N.m.

6. Check the roof panel fit to windshield reveal molding. Panel should be parallel and compress the weatherstrip evenly. (If the panel fits correctly, proceed to step 7. If not, proceed to step B).

7. Remove the roof panel assembly from the vehicle carefully, making sure that the repositioned front molding plates are not moved, then torque the front holding plate screws to 15 N.m.

8. Reinstall roof panel assembly, attach rear bolts, then front bolts loosely. Torque rear bolts first to 20 N.m., then front to 20 N.m.

9. Water check side door glass fit to roof panel weatherstrip. If leaks are evident, adjust door glass.

10. Reinstall all removed trim items.

STEPS TO IMPROVE ALIGNMENT AND FIT

A. If the approximate 6mm space and flush condition is not obtained during step 4, remove the roof panel assembly, and make the following corrections:

- Remove all trim panels covering the rear locator bracket adjusting bolts (View D).

STEPS TO IMPROVE ALIGNMENT AND FIT - (continued)

- Loosen these bolts, add or remove shims, or move brackets, reinstall and remove roof panel assembly to obtain the correct fit.

Do not reinstall trim panels, and proceed to Step 5.

B. If the roof panel fit to the windshield reveal molding in not parallel or the weatherstrip is not compressed during step 5, remove the roof panel assembly and make the following corrections:

- Remove all trim panels/covers covering the front mounting bracket adjusting bolts (View C).
- Loosen these bolts to lower/raise the mounting bracket to improve weatherstrip contact, reinstall and remove roof panel to obtain correct fit.
- Add/remove shims behind the rear locator bracket, reinstall and remove roof panel until a satisfactory parallel fit is obtained.

Do not reinstall trim panels and proceed to step 7.

PART NO.	SHEET
12354919	2 OF 2

ALL INFORMATION WITHIN ABOVE BORDER TO BE PRINTED EXACTLY AS SHOWN ON 8.5 x 11 WHITE 16 POUND BOND PAPER. PRINT ON BOTH SIDES, EXCLUDING TEMPLATES. TO BE UNITIZED IN ACCORDANCE WITH GMSPO SPECIFICATIONS.	DATE	SYM	REVISION	AUTH	DR	CK

DATE	19MR92
DR	
CK	
APPR	
REF. ECA	P2E00040

INSTRUCTION SHEET	
TITLE	Installation Inst. - Window Pkg.
PART NO.	12354919 SHEET 2 OF 2

RECEIVED JUN 26 2002

© Copyright General Motors Corporation. All Rights Reserved

Online URL:
https://www.corvetteactioncenter.com/tech/knowledgebase/article/1986-1988-corvette-service-bulletin-roof-panel-adjustment-procedures-661.html