



SERVICE DEPARTMENT

ELECTRO-MOTIVE DIVISION • GENERAL MOTORS CORPORATION

# MAINTENANCE INSTRUCTION

## MODERNIZATION RECOMMENDATION AUXILIARY GENERATOR DRIVE SHAFT GUARD – GP38, SD38

SUBJECT: Auxiliary Generator Drive Shaft Guard – GP38, SD38

PURPOSE: This instruction describes an improved auxiliary generator drive shaft guard which will assure greater reliability and safety.

APPLICATION: All GP38 and SD38 locomotives built prior to January 1, 1971.

### REFERENCE

DRAWINGS: 8449443 Rev. A – Power Plant Equipped Mounting Assembly and Fig. 1.

### NEW MATERIAL

REQUIRED:	<u>Quantity</u>	<u>Part Name</u>	<u>Part No.</u>
	1	Coupling Guard Asm.	8391509
	1	Plate – Cover	8391507
	1	Cover Assembly	8092976
	4	Bracket	8120166
	4	Nut – 3/8"-16	3416513
	8	Bolt – 3/8"-16	179837
	4	Nut – 1/4"-20	9416509
	4	Bolt – 1/4"-20	179799

COST OF MATERIAL: The approximate cost of new material is \$45.87. This cost is for job estimating purposes only. Material will be billed at prices in effect at the time of shipment.

### PROCEDURE

1. Remove original bracket assembly 8413370 and guard assembly 8434345.
2. Apply new material per reference drawing 8449443, Rev. A and Fig. 1.

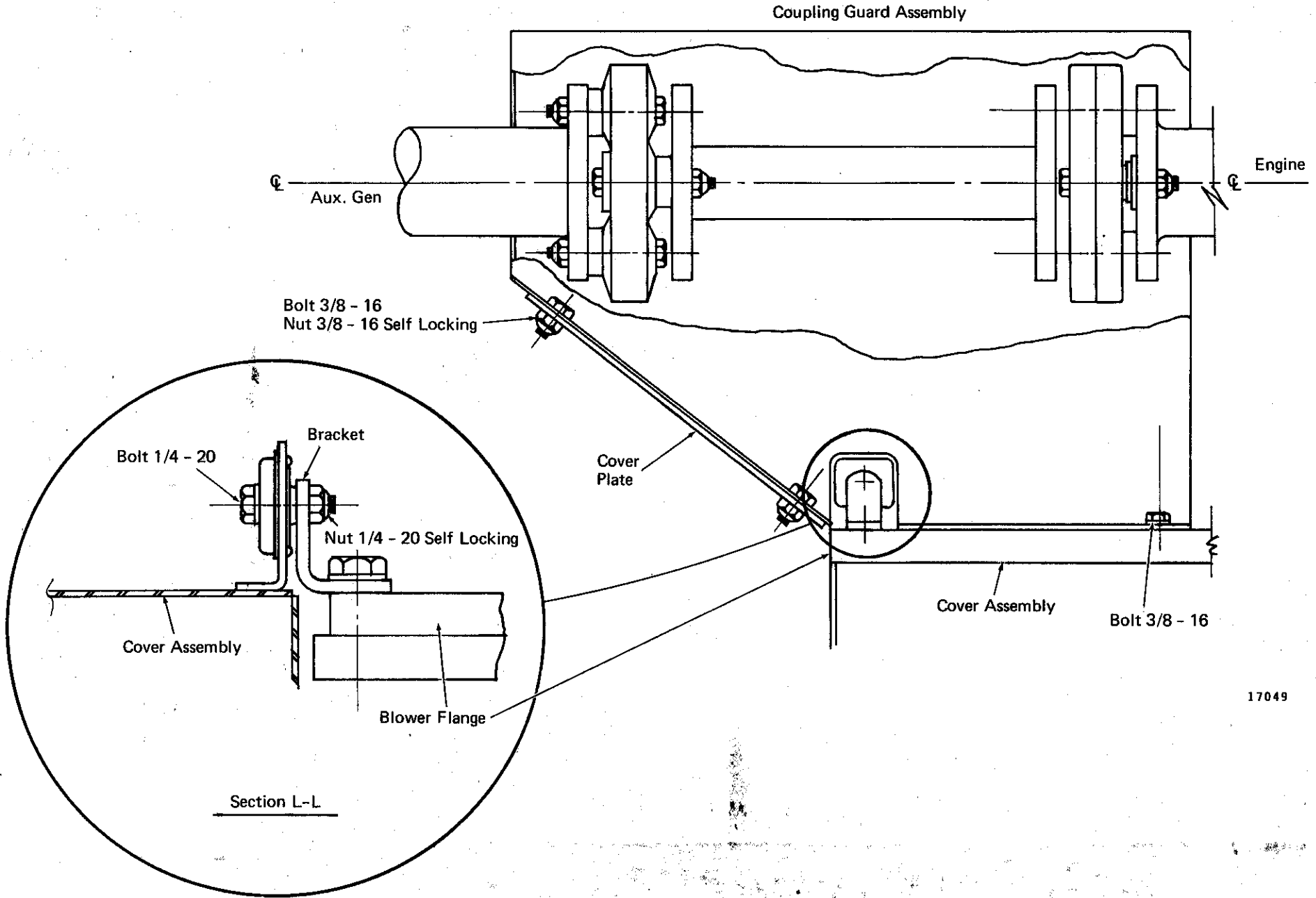


Fig. 1 - Application Of Shaft Guard