



Fig. 185. Front Oil Seal

Courtesy of GENERAL MOTORS COMPANY

17. Install the front engine cover. Refer to [Engine, Front Cover Replacement](#).
18. Install the transfer case. Refer to [Transfer Case Replacement](#).
19. Install the drive shafts and front suspension frame front connections. Refer to [Drivetrain and Front Suspension Frame Replacement](#).
20. Remove the engine support fixture. Refer to [Engine Support Fixture](#).
21. Refill the engine oil and install a NEW oil filter. Refer to [Engine Oil and Oil Filter Replacement](#).

## OIL PAN REPLACEMENT (FWD)

## Removal Procedure

1. Drain the engine oil and remove the oil filter. Refer to [Engine Oil and Oil Filter Replacement](#).
2. Support the engine. Refer to [Engine Support Fixture](#).
3. Remove the drive shafts and front suspension frame front connections. Refer to [Drivetrain and Front Suspension Frame Replacement](#).



Fig. 186. Front Oil Seal

Courtesy of GENERAL MOTORS COMPANY

4. Remove the front engine cover (1). Refer to [Engine Front Cover Replacement](#).
5. Remove the front exhaust pipe. Refer to [Exhaust Front Pipe Replacement \(LIG\)](#).

# Manual Repair Diagram

**CL Gary**



## **Manual Repair Diagram:**

**Aviation Structural Mechanic S 3 & 2** United States. Bureau of Naval Personnel,1966      **Aviation Structural Mechanic S 3 & 2** Jerry C. Stewart,1982      *Field Manuals* United States. War Department,1980-02      *Automotive Engine Performance: Practice manual* Ken Layne,1993      *Manual of instruction in army signalling. [Continued as] Signalling instructions [afterw.] regulations. [Continued as] Training manual-signalling. [With] Amendments. [Continued as] Signal training. [With] Amendments* War office,1921      *Digital Overdrive: Automotive & Transportation Technology* ,  
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Most-often-needed Radio Diagrams and Servicing Information ,1961      **Laboratory Manual for Automotive Electricity** William Roy Varner,Fred Colfax Smith,1926      *Automotive Industries* ,1918      *Automotive Industries, the Automobile* ,1920      *Motor Age* ,1920      **Chilton's Motor Age** ,1920      **Chilton's Auto Service Manual** ,1998  
**Popular Science Monthly** ,1930      *Battery Man* ,1924      **Standards of Practice Covering the Training of Motorcycle Repairmen and Drivers and the Maintenance of Motorcycles in Military Service** Harley-Davidson Motor Company,1918      Motor World Wholesale ,1918      **Automobile Dealer and Repairer** ,1909

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