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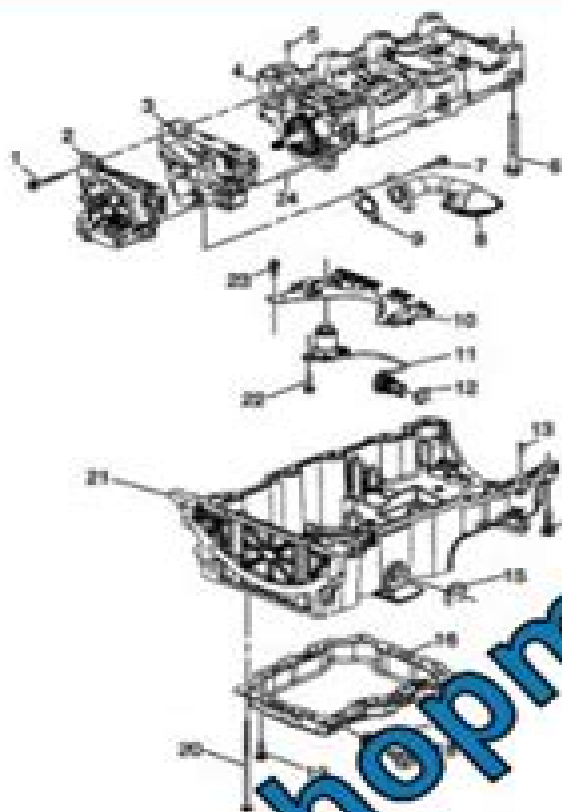


Fig. 7: Upper and Lower Oil Pump Assembly Components
Courtesy of GENERAL MOTORS COMPANY

| Callout | Component Name |
|---------|-------------------------------------|
| 1 | Oil Pump Assembly Bolt |
| 2 | Oil Pump Assembly |
| 3 | Oil Pump Cover |
| 4 | Balancer Shaft Module |
| 5 | Balancer Shaft Housing Locating Pin |
| 6 | Balancer Shaft Housing Bolt |
| 7 | Oil Pump Suction Pipe Bolt |



Fig. 14: Camshaft Cover Heat Shield Bolt
Courtesy of GENERAL MOTORS COMPANY

- Remove the camshaft cover heat shield bolt (1) that retains the turbocharger coolant return camshaft cover.
- Disconnect the turbocharger coolant return pipe from the air bleed hose.
- Remove the turbocharger coolant return pipe bolt (3).
- Remove the turbocharger coolant return pipe (2) and washers (4, 5). Discard the washers.

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Marcel A. Müller

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