

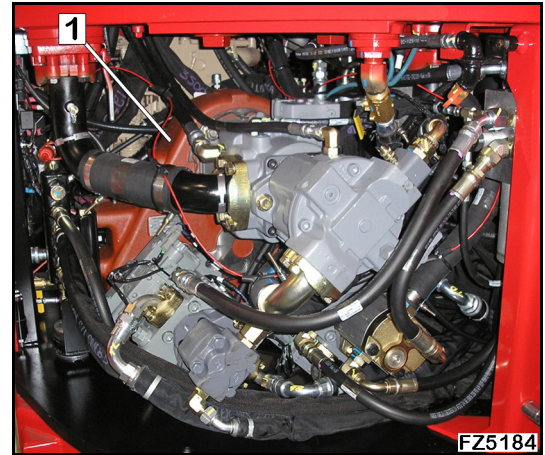
## ENGINE FLEXPLATE



**WARNING!** Make sure to read and understand the Safety Notice in this manual. Additional safety precautions will be included in this section as required by the operation being discussed.

### Remove Hydraulic Pumps

The auxiliary pump, implement pump, charge pump, auxiliary oil cooler fan pump, and drive pumps must be removed from the pump drive (1). Refer to the individual topics to remove the pumps.



### Separate Pump Drive From Engine

1. Pivot open the cab side engine guard to access the engine.

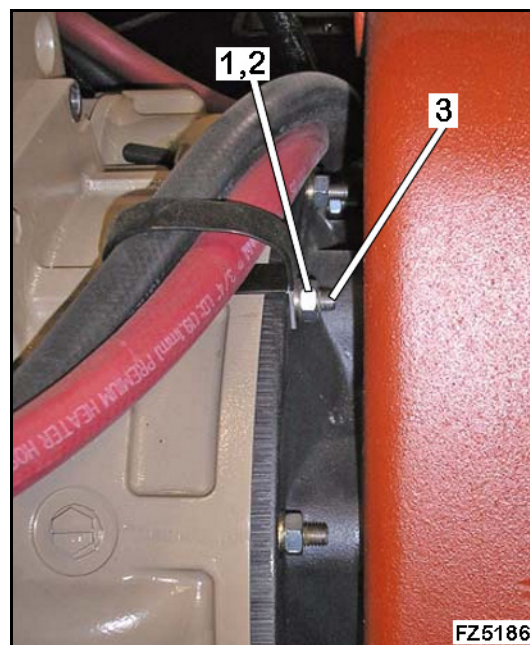
**Remark**

*The rear engine mounts are fastened to the pump drive.  
The engine must be blocked in place before removing the pump drive.*

2. Block the bottom rear of the engine on both sides.



3. Remove 12 nuts (1) and washers (2) from studs (3).



**Remark**

*Tag and mark the hydraulic hoses before removal to ensure correct installation.*

4. Remove four hydraulic hoses (1) from the return manifold (2).

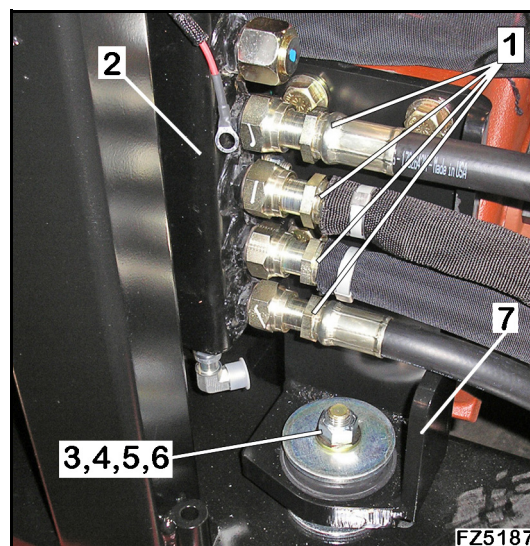
**Remark**

*Do not remove the pump drive mounts from the pump drive.*

5. Remove locknut (3), washer (4), bolt (5), and isolator (6) from pump drive mount (7). Repeat for the other pump drive mount.



**WARNING!** Use a suitable lifting device to slide the pump drive back away from the engine. This will require two technicians. The pump drive is heavy and awkward. Be careful not to tip the pump drive over. Failure to comply could cause injury to personnel.



6. Slide the pump drive back away from the engine using a suitable lifting device. Slide the pump drive back enough to access the engine flexplate.