 They are locate in the final drives (real wheels) and in the front Wheels. They primary function is to detect levels of wear or abnormal wear.

**Particle Contamination Detection**

**Magnetic Plugs**

The use of permanent magnets to complement other methods of condition monitoring. The

practice is simple and extremely useful in providing an indication of the extent of metallic

wear and providing valuable debris for analysis of the wear in an oil system:

• During routine inspection, the lubrication technician should check for buildup of

wear debris on the magnetic tip;

• Using a clean white cloth, any evidence should be wiped from the tip and submitted

to a laboratory for analysis;

• Microscopic analysis should be conducted.

