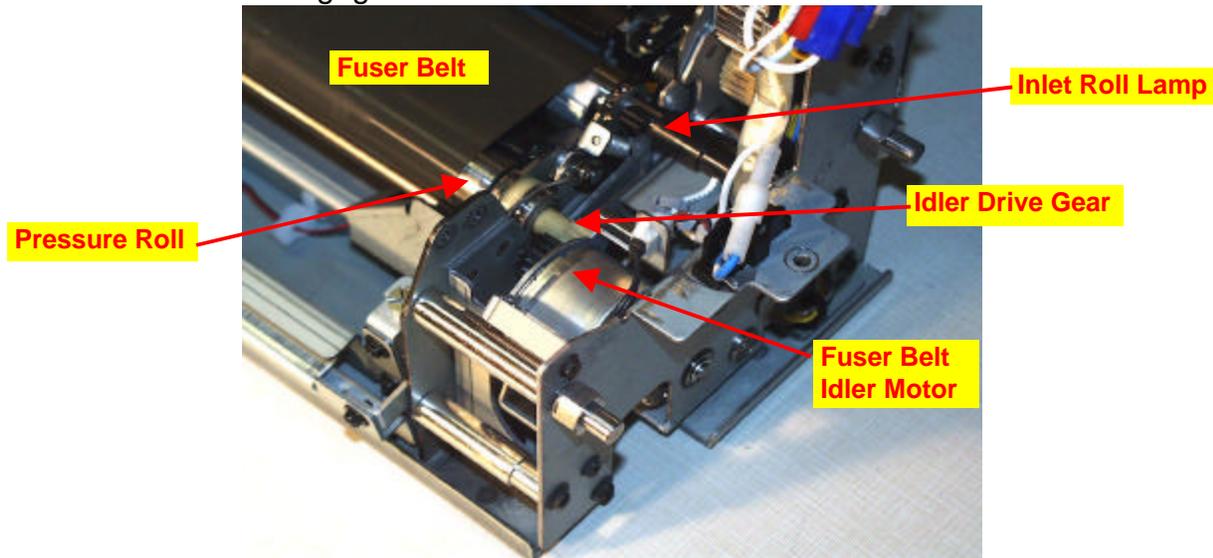


Fuser - IOT Module

Fuser Belt Idler Motor

The Fuser Belt Idler Motor provides drive to the Fuser Belt Pressure Roll through the Idler Drive Gear. The Pressure Roll transmits drive to the Fuser Belt causing it to rotate. The Idler Motor stays on and continues to rotate the belt while the machine is in standby and the Fuser Belt is down. The belt has to rotate so that the heat produced by the Inlet Roll Lamp, is distributed evenly throughout the belt. Just before paper enters the fuser, the Fuser Belt Latch Motor energizes and latches the Fuser Belt up against the Fuser Roll. This disengages the Idler Drive Gear from the Belt Idler Motor. When the belt is latched, drive to the Fuser Belt is provided by contact with the Fuser Roll. This allows the Fuser Belt and Fuser Roll to rotate at the same speed. When the Fuser Belt is unlatched the Idler Drive Gear reengages and the belt continues to idle



Fuser Belt Idle Motor shown with Fuser clam-shell open.