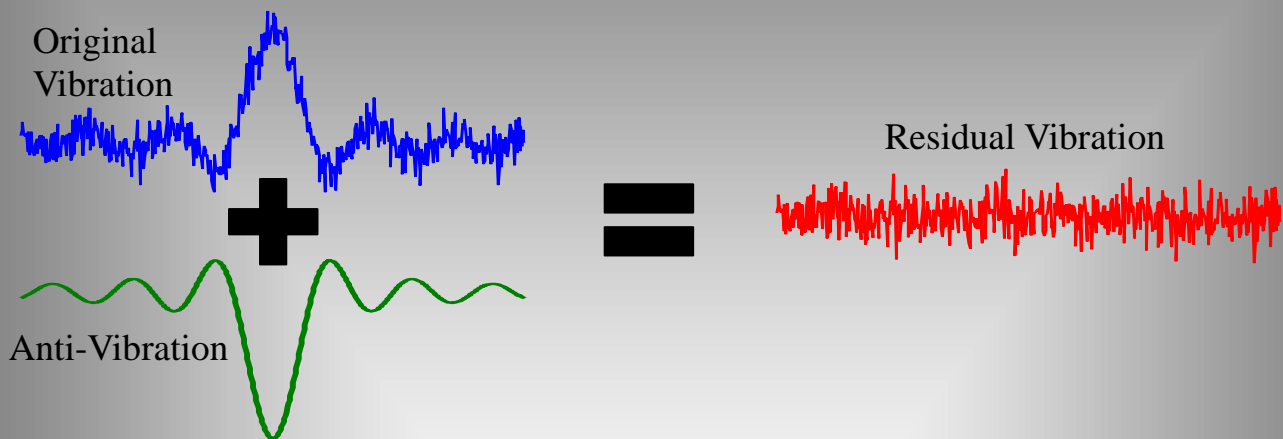


# Active Vibration Control Seats



## Whole-Body Vibration

### Health Effects on the Operator

- Lower back pain
- Increased blood pressure
- Increased chance of miscarriages

### Human Body Response

The most damaging vibration for the human body is between 1 to 7 Hz



**Active Vibration Control:** Accelerometers detect the vibration, and electromagnetic linear actuators produce anti-vibration motion to isolate the operator.

