

A system for determining slippage of row unit or chopping unit slip clutches of a corn head includes a microcomputer coupled to at least one vibration sensor and a display or acoustic annunciator. A slipping clutch or group of clutches including a slipping clutch may be identified by recognizing a speed dependent predominant frequency. A slipping clutch or group of clutches including a slipping clutch may be identified by comparing magnitudes or times of receipt of vibrations from a pair of sensors. A slipping clutch or group of clutches including a slipping clutch may also be identified by comparing vibrations received from a single sensor with known location identifying magnitudes.