$$\begin{array}{ccc}
F_{up} + F_n & x_L, v_L \to \\
\uparrow & & \downarrow \\
\text{Back} \leftarrow & \mu F_n \leftarrow \downarrow \\
\hline
M_L g & & \\
\end{array}$$

$$\begin{array}{cccc}
F_{up} + F_n & x_L, v_L \to \\
\downarrow & & \downarrow \\
\hline
M_L g & & \\
\end{array}$$