$$
\begin{array}{ccccc}
? & & A_2 & \xrightarrow{\ \ x_2'\ \ } & B_2' \xrightarrow{\ \ y_2'\ \ } C \\
\Big\uparrow{\scriptstyle (p_2)_*} & & \Big\uparrow{\scriptstyle p_2} & & \Big\uparrow \quad\ \Big\| \\
\binom{1}{1}^*(\delta_1 \oplus \delta_2) & & A_1 \oplus A_2 & \xrightarrow{\ \ m\ \ } & M \xrightarrow{\ \ k\ \ } C \\
& & \Big\uparrow{\scriptstyle e_1} & & \Big\| \\
& & A_1 & =\!=\!=\!= & A_1
\end{array}
$$