"twirly arrow" to AE twirly arrow

What does the Pick Whip do?

Expression Pick Whip (Inserts a reference to expression language menu target)

Simple math - Drop Shadow effect problem if applied to a rotating layer:

Page 172

Drop Shadow angle must be less as the rotation of layer is clockwise -

\( (\text{transform rotation} \times -1) + 135 \)
Link the drop shadow direction to the rotation using pick whip —

Customize expression to:

\[
(\text{transform.rotation} \times -1) + 135
\]

Would be useful to mark the wheel using Photoshop — mark it at 0° and 135° (shadow). Direction is controlled by the rotation.

[Fig. Effect] > [Transition] > [Radial Wipe]

When minute hand rotation reaches 100°, the Radial Wipe Transition completion is 100%.

So divide by 3.6.
This comp layer ("minute"), transform, rotation / 3.6

\[
\frac{360^\circ}{3.6} = 100\%
\]

Transition completion of the radial wipe

Enable or disable the expression

Pick whip expression

Interpolation

Linear

\[
\text{Linear}(t, t_{\text{Min}}, t_{\text{Max}}, \text{value1}, \text{value2})
\]

0 \rightarrow 360 \rightarrow 0 \rightarrow 100

See page 174 of textbook

Radial wipe

Transition completion

0\% to 100\%

[0\° to 360\°]