

CROPLANDS

RP-095 KIT / QM-420 SPEED SENSOR INSTALLATION

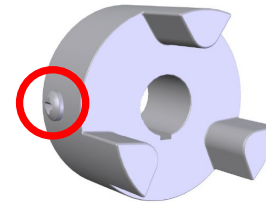
Replacing the rpm sensor (UP-402) to the Quantum Mist 420 drive body can be very challenging, especially whilst on the sprayer.

There is an easy way, but first you need the correct tools, as per the RP-095 kit – the kit components are;

- 1) A tap to clean out the thread. It's an unusual size, M12 x 1.0
- 2) A modified 17mm Flare Nut Socket to suit the purpose.

(A) remove the rear guard (4 screws) and (B) remove the rear cover (4 screws). Note the fans are always installed with the sensor facing downwards. Remove the existing brass socket or old sensor. Clean up the thread using the **supplied tap**. Be careful to not push swarf inside the drive body.

Check for the correct depth. Finding the correct depth and position of the "pickup" (circled in red) of the drive coupling is critical. It's best to find the pickup position before installing the sensor using a soft round object (dowel, pencil etc) and be aware of this position as the sensor is being screwed (gently, by hand) into the drive body.



Correct positioning of the sensor is approximately 2 turns away from the pickup. Too far away and the sensor won't work – too close and the screw head will damage the sensor. Once correct (depth) position is confirmed, use the socket tool to tighten the first and then the second (lock) nuts.

Reinstall rear cover & rear guard.

