

# Installation Instructions: Sidekick Pro™ for John Deere Sprayers Using SCS 5000

## Parts

### Included Parts

Description	Part Number	Quantity
SCS 5000 Console	063-0172-894	1
Cable SCS 5000 to Chassis Cable	115-0171-959	1
Chassis Cable	115-0171-915	1
Injection Point Check Valve	333-011-102	1
Cable SideKick PRO Gen 2 Pump	115-0172-191	1
Bracket, Console Mounting	107-0171-415	1
Node, Boom/Speed	063-0172-272	1
Cable, Adapter, Speed	115-0159-580	1
Cable, Boom/Speed	115-0172-515	1

### Required Parts Not Included in Kit

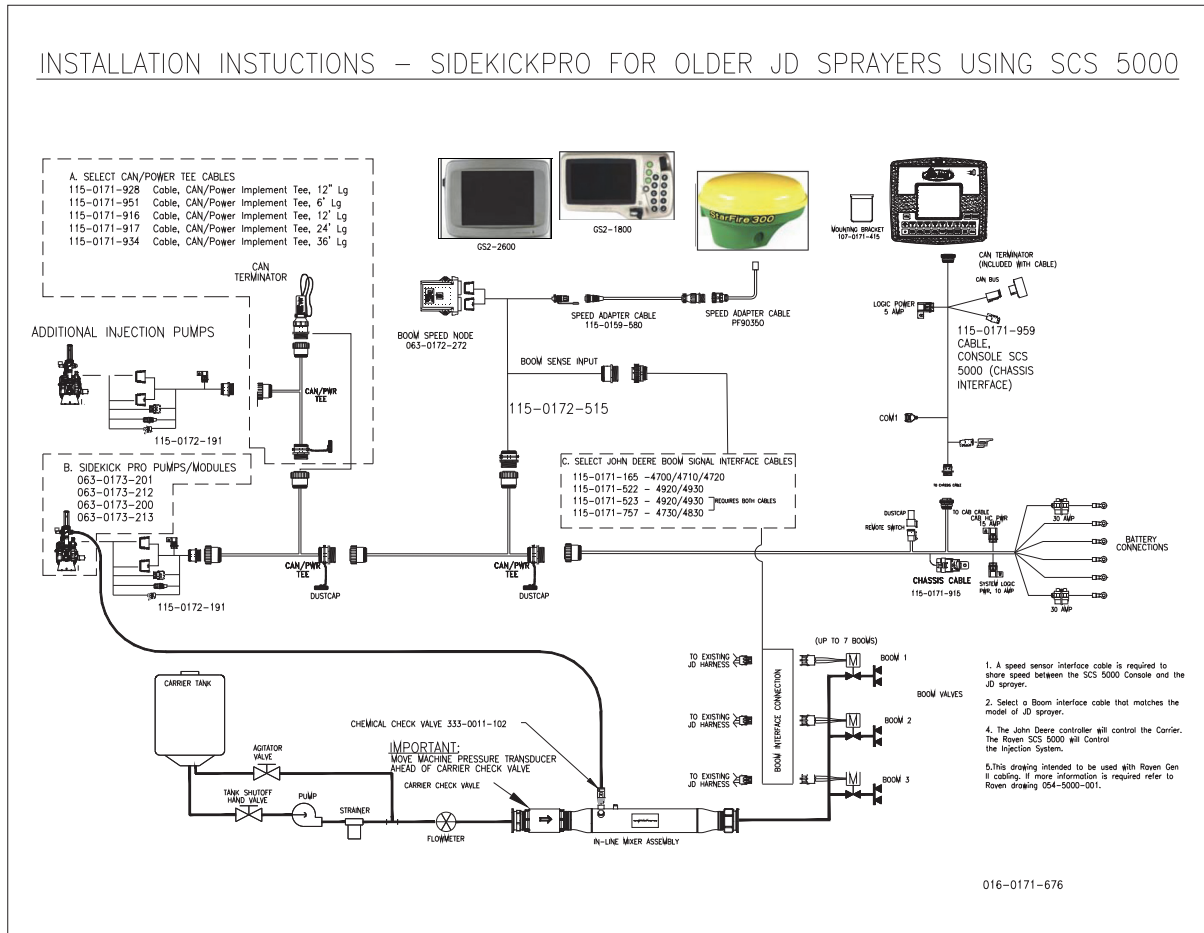
Description	Quantity
Cable, Can/Power Tee. Select Based on Length.	One Per Injection Pump
SideKick PRO Pump/Module. Select Based on Flow Requirements.	1
John Deere Boom Signal Interface Cable(s). Select Based on Model. Refer to the Part Numbers and Descriptions in the Installation Diagram.	Varies
Mixer Assembly. Refer to page 3 to Determine Appropriate Mixer Model.	1

### Additional Injection Pump Parts Needed

Description	Part Number	Quantity
Cable, SideKick PRO Gen 2 Pump	115-0172-191	1
Injection Check Point Check Valve	333-0011-102	One Per Injection Pump Added
Cable, Can/Power Tee		1

# Installation Diagram

## INSTALLATION INSTRUCTIONS – SIDEKICKPRO FOR OLDER JD SPRAYERS USING SCS 5000



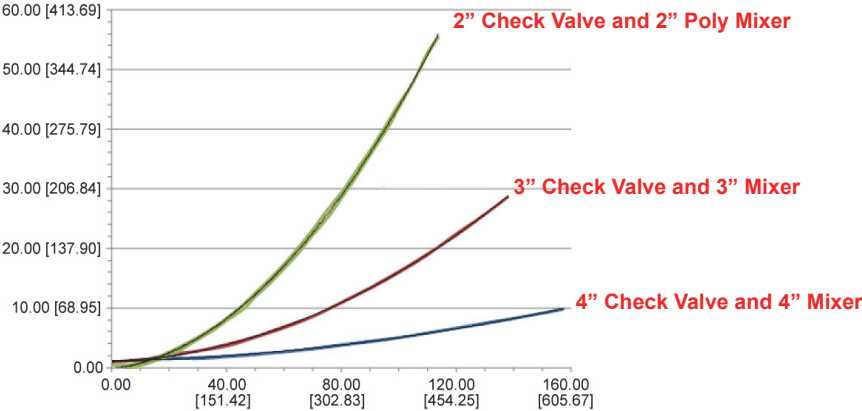
## Installation Notes

- A speed sensor interface cable is required to share speed between the SCS 5000 Console and the John Deere sprayer.
- Select a Boom interface cable that matches the model of the John Deere sprayer.
- The John Deere controller will control the Carrier. The Raven SCS will control the injection system.

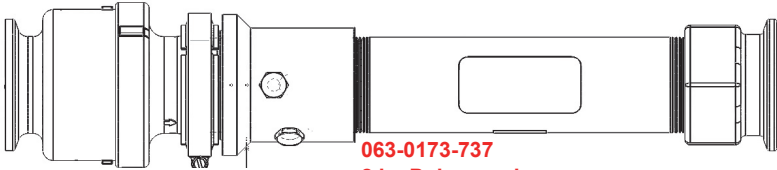
# In-Line Mixer Selection Guide

Use the chart and drawings below to identify the appropriate in-line mixer.

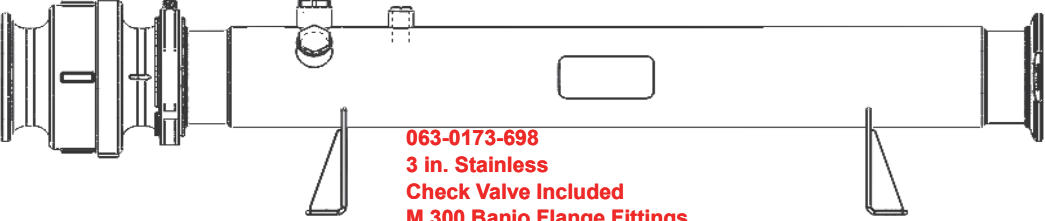
## Pressure Drop vs Flow Rate



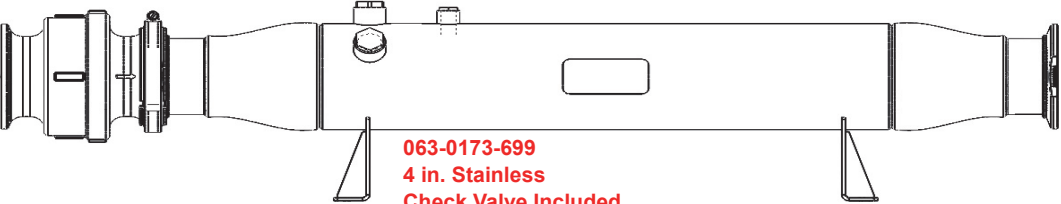
## Mixer Drawings



**063-0173-737**  
**2 in. Polypropylene**  
**Check Valve Included**  
**M 220 Banjo Flange Fittings**



**063-0173-698**  
**3 in. Stainless**  
**Check Valve Included**  
**M 300 Banjo Flange Fittings**



**063-0173-699**  
**4 in. Stainless**  
**Check Valve Included**  
**M 300 Banjo Flange Fittings**