



THE LEADING AFTERMARKET ELECTRIC STEERING SOLUTION

with the reliable performance you
require and the compatibility you need



The patented AgJunction Electric Steering System - Gen 4 works with the AgJunction electronic controller to create a high-precision and cost-effective autosteering system designed to be easily included into your product offerings. This helps growers get the most out of their existing machinery, while saving them time and money.



EASY TO INSTALL

- Fast installation and calibration
- Easy to transfer between machines without the removal of the steering wheel



RELIABLE PERFORMANCE

- Field proven
- On-line performance comparable to hydraulic systems



UNIVERSAL COMPATIBILITY

- Compatible with a wide selection of vehicles in the market
- Works with AgJunction high precision electronic controller (ECU-S1)



EASY TO INSTALL

- Patented ring gear eliminates the need for removal of steering wheel; no extra tools required to install or remove
- Vehicle-specific brackets for easy installation



RELIABLE PERFORMANCE*

- Up to centimeter (sub-inch) level accuracy (requires GNSS correction services)
- 6-axis terrain compensation
- High reliability with brushless motor
- Clutchless design results in reduced complexity

** when paired with ECU-S1*



UNIVERSAL COMPATIBILITY

- Provides auto steering for many agricultural vehicle types and models (2WD, MFWD, 4WD, combines, sprayers and spreaders)
- Requires AgJunction's High-Precision Electronic Controller (ECU-S1)
- Optional switch kits allow easy transfer of MDU-G4 between vehicles. Switch kits contain vehicle-specific brackets for easy installation

VEHICLE SUPPORT	
Vehicle Support	Supports 2WD, MFWD, 4WD, combines, sprayers and spreaders (requires ECU-S1 and Fit Kit) - AgJunction is working to increase the platform compatibility. Contact us for special platform development

ENVIRONMENTAL	
Operating Temperature	-20°C to 65°C (-4°F to 149°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	95% non-condensing
Immunity	EN61000-6-2, FCC Part 15 Class A
Emissions	FCC Part 15 Class A, EN55022 Class A
Certifications	EN60950 x, FCC, Industry Canada, RoHS, CE, C-Tick

POWER	
Max Power	45 Watts
Idle Power	3.0 Watts
Torque	Stall (0 RPM) @ 20 lbs-in / 2.26 nm

MECHANICAL	
Dimensions	230.15 mm x 337 mm x 103 mm (11.4" x 13.3" x 4.06")
Weight	7.0 lbs / 3.17 kg
Mounting Options	Ring gear eliminates the need for removal of steering wheel
Special Wiring Harness	Connects to ECU-S1 wiring harness
Fit Kits	Easily moved from one machine to another

WHY AGJUNCTION?

AgJunction is a leading provider for intelligent automated solutions in the off-road vehicle market. AgJunction was founded in 1990 to pioneer precision guidance and autosteering. We hold approximately 200 patents and patents pending in the US, Canada, Europe, South America and Australia. Our technologies are critical components to some of the world's leading precision Ag manufacturers and suppliers. Our flexible solutions provide the ability to integrate seamlessly with customer functionality.

PHONE: 480-348-9919 | TOLL FREE: 1-800-856-2892

EMAIL: Sales@agjunction.com

9105 E Del Camino Dr, Suite 115 | Scottsdale, AZ 85258

www.agjunction.com

