

ALL-TERRAIN VEHICLE SOLUTIONS

Advanced Sensing Technologies

Operator Controls

- Toggle and rocker switch
- Key and rotary switch
- Ruggedized throttle control
- Multifunction handlebar control
- Shifters and turn signals



Wheels and Suspension

- Speed sensor
- Rotary position sensor
- TARS inertial measurement unit

Braking System

- Pressure switch
- Pressure sensor
- Magnetic IC

Engine and Transmission



- Temperature probe
- Pressure sensor
- Pressure switch
- Speed and direction sensor
- Current sensor

Hydraulic/Pneumatic System



- Pressure switch
- Pressure sensor
- Temperature sensor

	Non-contact position sensing	Temperature sensing	Pressure switch	Pressure sensor	Speed and direction sensor	Key and rotary switch	Shifters and turn signals	Rotary position sensor	TARS-IMU	Toggle and rocker switch	Current sensor	Magnetics
Operator controls						✓	✓	✓		✓		
Wheels and suspension	✓				✓			✓	✓			✓
Braking system			✓	✓	✓			✓				✓
Hydraulics and pneumatics		✓	✓	✓								
Engine and transmission	✓	✓	✓	✓	✓						✓	✓


MACHINE OPERATION AND RELIABILITY

Application		Growth Factor	Primary Products	Secondary Products
Engine and transmission		Tighter emissions regulation requiring more sensors to achieve better efficiency and fewer emissions	<ul style="list-style-type: none"> Speed and direction sensor 	<ul style="list-style-type: none"> Temperature probe Pressure sensor Pressure switch Current sensor
Hydraulics and pneumatics		Preventive maintenance routines to monitor effectiveness to ensure accuracy	<ul style="list-style-type: none"> Pressure sensor Pressure switch 	<ul style="list-style-type: none"> Temperature sensor

OPERATIONAL PERFORMANCE AND SAFETY

Application		Growth Factor	Primary Products	Secondary Products
Braking system		Preventive maintenance routines to monitor effectiveness to ensure safety	<ul style="list-style-type: none"> Pressure sensor 	<ul style="list-style-type: none"> Magnetic IC
Wheels and suspension system		Reliability of vehicle, safety of operator and passengers	<ul style="list-style-type: none"> Position sensor Speed sensor 	<ul style="list-style-type: none"> Magnetic IC

FUNCTIONAL PERFORMANCE

Application		Growth Factor	Primary Products	Secondary Products
Operator controls		Reliable performance when exposed to vibration and shock in wet or dusty environments	<ul style="list-style-type: none"> Key switches 	<ul style="list-style-type: none"> Custom switches Multifunction handle bars Shifters and turn signals

WARRANTY/REMEDY

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