COM Port AS1 Cable Kit

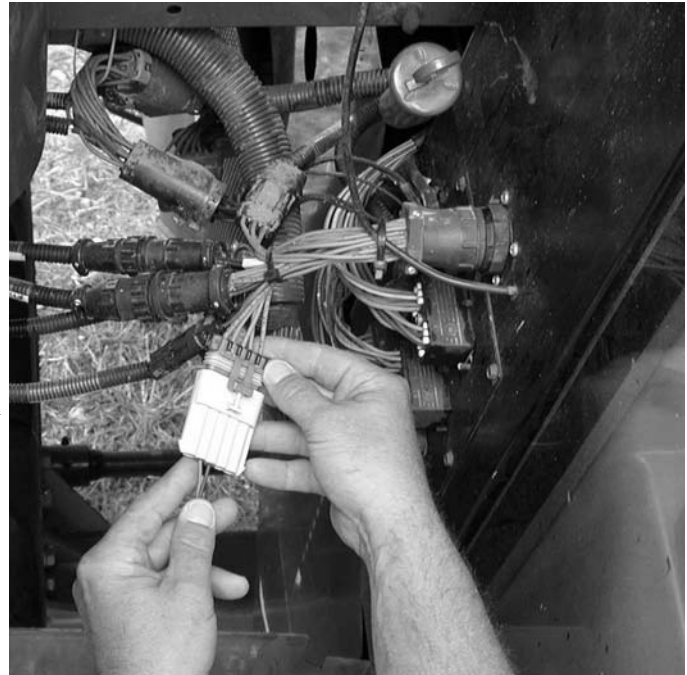### *P/N: OBK-S-AS1*

Overview

The Outback-S can be used as a position receiver for AFS combine yield mapping systems. Use this cable kit to connect any AFS system.

Kit Contents

The AS1 cable kit includes a 5ft serial cable with a proper connector for AFS systems along with installation instructions. Configuration of the proper Outback-S NMEA messages is supported directly on the Outback-S console with application version 2.0 and above.

Cable Connection

Open access door on right side of combine cab. Locate the external receiver connector on the large wiring harness. Insert mating AS1 cable connector. Route the interface cable through access door and connect the other end to the COM port on the Outback-S receiver.

Required Communication Protocol

For successful communication between the Outback-S console and the AFS yield mapping processor, use 4800 Baud with NMEA messages GGA, VTG, RMC, and GSA enabled at 1 Hz. Refer to the Outback-S owner's manual for changing the default communication protocol to match these AFS requirements.

AFS Communication Requirements

Baud Rate	*4800*	9600	19200
NMEA Messages			
GGA	OFF	*1 Hz*	5 Hz
GLL	*OFF*	1 Hz	5 Hz
VTG	OFF	*1 Hz*	5 Hz
GSV	*OFF*	1 Hz	
RMC	OFF	*1 Hz*	5 Hz
GSA	OFF	*1 Hz*	
ZDA	*OFF*	1 Hz	5 Hz
GST	*OFF*	1 Hz	
RTCM Message	*OFF*	ON	

Serial Data Format: Data Bits=8, Stop Bits=1, Parity=None, Flow Control=None