

# ***Part Number Update***

Bulletin No: PNU-097-000-A

Effective Date: 5/01/04

Cancels: NA

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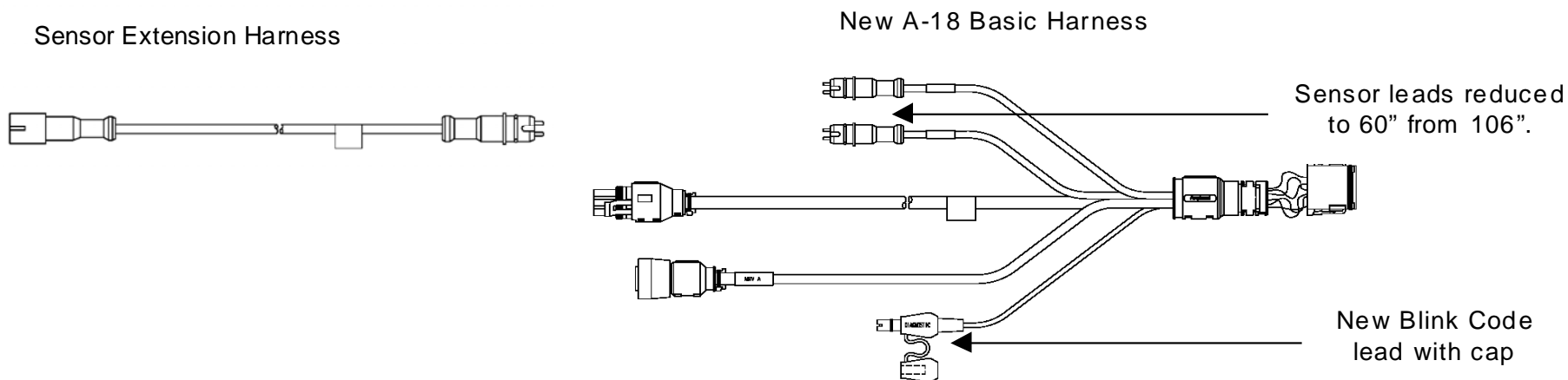
**Subject: Bendix A-18 Trailer ABS Wiring Harness Part Number Update**

All current A-18 wiring harness part numbers will be obsoleted and replaced by this change. (See attached )

## Basic A-18 Wiring Harness

ECU Pigtail	If you used this Part Number		Now order this Part Number	
	Description	Old Harness PN	New Harness PN	Description
	n/a	n/a	5013331	Cable Basic - Pwr (9in), Sns (60in), Mod (17in), BC (7in)
A-18B	Cable Basic - Pwr (40in), Sns (106in), BC (18in)	300263	5013332	Cable Basic - Pwr (60in), Sns (60in), Mod (17in), BC (7in)
A-18B	Cable Basic - Pwr (117in), Sns (106in), BC (18in)	300264	5013333	Cable Basic - Pwr (180in), Sns (60in), Mod (17in), BC (7in)
A-18B	Cable Basic - Pwr (181in), Sns (106in), BC (18in)	300262	5013333	Cable Basic - Pwr (180in), Sns (60in), Mod (17in), BC (7in)
A-18B	Cable Basic - Pwr (236in), Sns (106in), BC (18in)	300265	5013334	Cable Basic - Pwr (234in), Sns (60in), Mod (17in), BC (7in)
A-18B	Cable Basic - Pwr (293in), Sns (106in), BC (18in)	300298	n/a	n/a

Since the integral wheel speed sensor leads have been standardized at 60", you may need to order part number 300257 (Sensor Extension) for each sensor lead. Most applications will accept the 60" leads without additional cables.



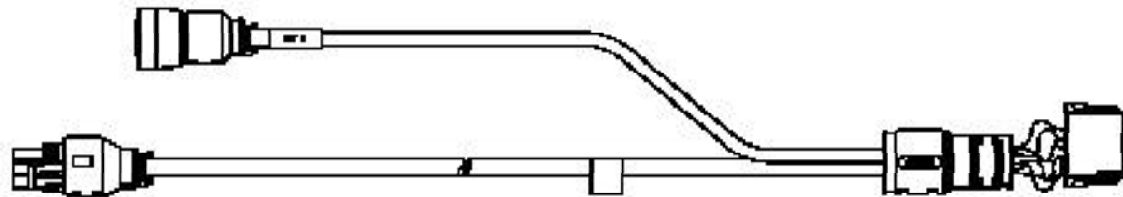
# Standard A-18 (X1) Wiring Harness Single Modulator

The Standard A-18 Unit requires an X1 and X2 harness.

ECU Pigtail	If you used this Part Number		Now order this Part Number	
	Description	Old Harness PN	New Harness PN	Description
A-18S	n/a	n/a	5013335	Cable X1 1M - Pwr (9in), MOD1 (17in)
A-18S	Cable X1 - Pwr (40in), MOD1 (18in)	300232	5013336	Cable X1 1M - Pwr (60in), MOD1 (17in)
A-18S	Cable X1 - Pwr (117in), MOD1 (18in)	300244	5013337	Cable X1 1M - Pwr (180in), MOD1 (17in)
A-18S	Cable X1 - Pwr (181in), MOD1 (18in)	300220	5013337	Cable X1 1M - Pwr (180in), MOD1 (17in)
A-18S	Cable X1 - Pwr (236in), MOD1 (18in)	300245	5013338	Cable X1 1M - Pwr (234in), MOD1 (17in)
A-18S	Cable X1 - Pwr (293in), MOD1 (18in)	300297	n/a	n/a

There are no significant changes to this set of part numbers.

New A-18 Standard (X1) Harness (Single Modulator)



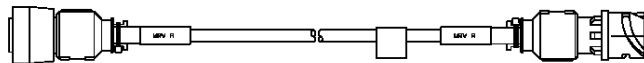
# Standard A-18 (X1) Wiring Harness Dual Modulator

The Standard A-18 Unit requires an X1 and X2 harness.

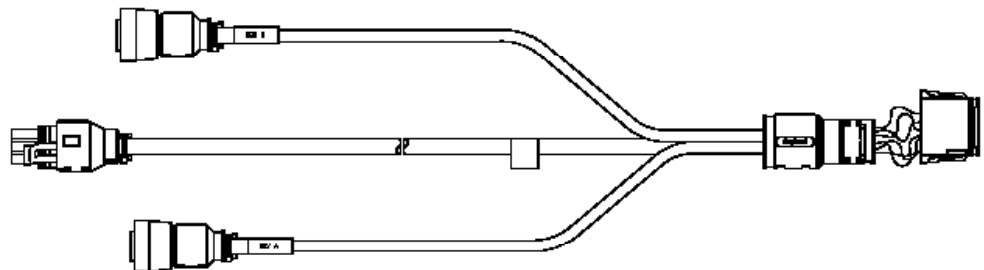
ECU Pigtail	If you used this Part Number		Now order this Part Number	
	Description	Old Harness PN	New Harness PN	Description
A-18S	n/a	n/a	5013339	Cable X1 2M - Pwr (9in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (40in), MOD1 (18in), MOD2 (38in)	300231	5013340	Cable X1 2M - Pwr (60in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (117in), MOD1 (18in), MOD2 (38in)	300246	5013341	Cable X1 2M - Pwr (180in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (181in), MOD1 (18in), MOD2 (38in)	300221	5013341	Cable X1 2M - Pwr (180in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (236in), MOD1 (18in), MOD2 (38in)	300247	5013342	Cable X1 2M - Pwr (234in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (40in), MOD1 (18in), MOD2 (467in)	300334	5013340	Cable X1 2M - Pwr (60in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (117in), MOD1 (18in), MOD2 (467in)	300333	5013341	Cable X1 2M - Pwr (180in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (181in), MOD1 (18in), MOD2 (467in)	300335	5013341	Cable X1 2M - Pwr (180in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (236in), MOD1 (18in), MOD2 (467in)	300332	5013342	Cable X1 2M - Pwr (234in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (40in), MOD1 (18in), MOD2 (250in)	300348	5013340	Cable X1 2M - Pwr (60in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (117in), MOD1 (18in), MOD2 (250in)	300347	5013341	Cable X1 2M - Pwr (180in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (181in), MOD1 (18in), MOD2 (250in)	300349	5013341	Cable X1 2M - Pwr (180in), MOD1 (17in), MOD2 (36in)
A-18S	Cable X1 - Pwr (236in), MOD1 (18in), MOD2 (250in)	300346	5013342	Cable X1 2M - Pwr (234in), MOD1 (17in), MOD2 (36in)

Since the integral Modulator 2 lead has been standardized at 36", you may need to order part number 5013345 (MOD Extension) to achieve needed lengths for wide spread 4S/2M Axle Control applications. Most 4S/2M Side Control applications will accept the 36" lead without additional cables.

Modulator Extension Harness



New A-18 Standard (X1) Harness (Dual Modulator)



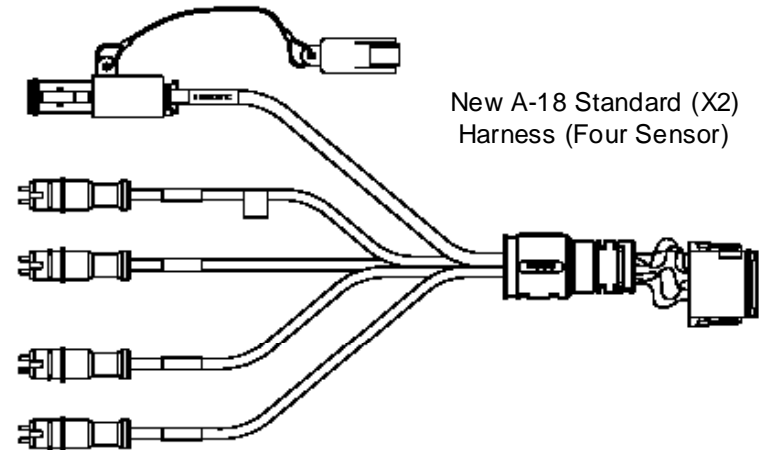
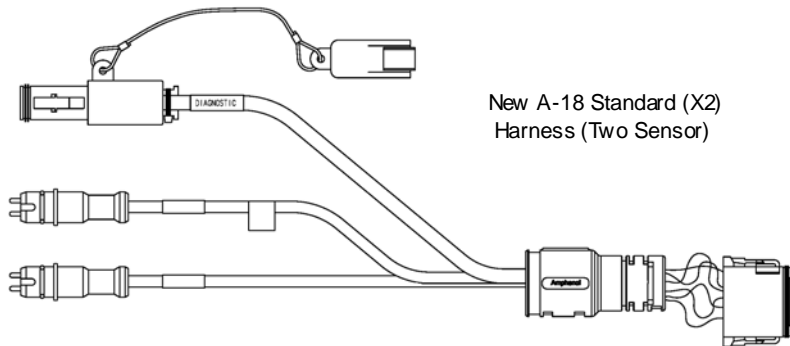
# Standard A-18 (X2) Wiring Harness

The Standard A-18 Unit requires an X1 and X2 harness.

ECU Pigtail	If you used this Part Number		Now order this Part Number	
	Description	Old Harness PN	New Harness PN	Description
A-18S	Cable X2 - 2S, Sns (72in), Blink Code (120in)	300233	5013346	Cable X2 - 2S, Sns A-B (60in), Diag (9in)
A-18S	Cable X2 - 2S, Sns (72in), Blink Code (72in)	300282	5013346	Cable X2 - 2S, Sns A-B (60in), Diag (9in)
A-18S	Cable X2 - 2S, Sns (96in), Blink Code (120in)	300255	5013346	Cable X2 - 2S, Sns A-B (60in), Diag (9in)
A-18S	Cable X2 - 2S, Sns (72in), Diag (120in)	300218	5013346	Cable X2 - 2S, Sns A-B (60in), Diag (9in)
A-18S	Cable X2 - 2S, Sns (96in), Diag (120in)	300254	5013346	Cable X2 - 2S, Sns A-B (60in), Diag (9in)
A-18S	Cable X2 - 4S, Sns A-B (72in), Sns C-D (96in), Blink Code (120in)	5011721	5013347	Cable X2 - 4S, Sns A-B (60in), Sns C-D (60in), Diag (9in)
A-18S	Cable X2 - 4S, Sns A-B (96in), Sns C-D (96in), Blink Code (120in)	5011722	5013347	Cable X2 - 4S, Sns A-B (60in), Sns C-D (60in), Diag (9in)
A-18S	Cable X2 - 4S, Sns A-B (72in), Sns C-D (96in), Diag (120in)	300219	5013347	Cable X2 - 4S, Sns A-B (60in), Sns C-D (60in), Diag (9in)
A-18S	Cable X2 - 4S, Sns A-B (96in), Sns C-D (96in), Diag (120in)	300256	5013347	Cable X2 - 4S, Sns A-B (60in), Sns C-D (60in), Diag (9in)
A-18S	Cable X2 - 4S, Sns A-B (8in), Sns C-D (8in), Diag (120in)	300374	5013347	Cable X2 - 4S, Sns A-B (60in), Sns C-D (60in), Diag (9in)

Since the integral wheel speed sensor leads have been standardized at 60", you may need to order part number 300257 (Sensor Extension) for each sensor lead. Most applications will accept the 60" leads without additional cables.

Also, the J1587 diagnostic connector is now optional. All X2 cables come with a 4-pin connector with cap. Pin-2 (GND) and pin-3 (J1587+) of the 4-pin connector can be shorted using a coin or other metallic device to activate blink codes. A remote diagnostic connector can also be added if required.



# Misc. A-18 Harnesses

If you used this Part Number		Now order this Part Number		
Power Harness	Description	Old Harness PN	New Harness PN	Description
A-18	NA	NA	5013352	5-pin Packard, (120in.), Warning Lamp (10in) Non-Terminated
A-18	5 pin Packard, (470in.), Warning Lamp	300225	5013353	5-pin Packard, (780in.), Warning Lamp (10in) Non-Terminated
A-18	5 pin Packard, (589in.), Warning Lamp	300226	5013353	5-pin Packard, (780in.), Warning Lamp (10in) Non-Terminated
A-18	5 pin Packard, (786in.), Warning Lamp	300227	5013353	5-pin Packard, (780in.), Warning Lamp (10in) Non-Terminated
Remote Diagnostic Harness	Description	Part No.	Part No.	Description
A-18B	Blink code wire, single lead (96")	300281	5013354	Blink code wire, single lead w/Cap (120")
A-18S	NA	NA	5007833	J1708 / J1587 Cable w/Cap (120in)
A-18S	NA	NA	5009193	J1708 / J1587 Cable w/Cap (72in)
A-18S	NA	NA	5013359	J1708 / J1587 Bracket Kit - Steel
A-18S	NA	NA	5013360	J1708 / J1587 Bracket Kit - Aluminum
Speed Sensor Lead Extensions	Description	Part No.	Part No.	Description
WS-24	DIN – (40 in.)	300257	300257	DIN – (40 in.)
WS-24	DIN – (80 in.)	300258	300258	DIN – (80 in.)
WS-24	DIN – (120 in.)	300259	300259	DIN – (120 in.)
WS-24	DIN – (160 in.)	300260	300260	DIN – (160 in.)

