

PRODUCT INFORMATION LETTER

www.axletech.com

3001 W. Big Beaver Road, Suite 400
Troy, MI 48084



PRODUCT INFORMATION LETTER PIL-0014

Date: October 20,2008

Subject: Planetary Tandem Inter- Axle Differential (IAD) Components Update

Product Models: SPRC1927, 1937, 4806, and 4808

Dear Customer,

This product information letter is to advise users of the above AxleTech International Planetary Tandem families that we have revised the IAD gear components in these assemblies.

Change: The gears that are included in the IAD are **all** revised in p/n identification as follows:

(0.756:1.0 Helical Overdrive Ratio Drop Gear Set)

<u>Current p/n</u>	<u>New p/n</u>	<u>Description</u>	<u>Quantity</u>
2234F890	223401011E	Gear-Side Gear 2.00"-39 T spline	1
3892M5213	389501010E	Gear-Integral spur & Bevel (Drive)	1
2233K245	223301006E	Pinion -Differential	4

The mating helical driven gear p/n (3892S4023) is unchanged.

(For the 1:1 Ratio Helical Drop Gear Set):

<u>Current p/n</u>	<u>New p/n</u>	<u>Description</u>	<u>Quantity</u>
2234F890	223401011E	Gear-Side Gear 2.00"-39 T spline	1
3892W4963	389501011E	Gear-Integral Spur & Bevel (Drive)	1
2233K245	223301006E	Pinion-Differential	4

The mating helical driven gear p/n (3892J4014) is unchanged.

Note: All other components within the IAD assembly remain unchanged.

The new gears **MUST** be changed for service as a set and mixing of the individual gears is **NOT RECOMMENDED**.

All original gear p/n's will be withdrawn from the system and OE and aftermarket will be serviced with only the new gear p/n's as kits for previous tandem sets currently in the field.

Top level of both the carrier assemblies and current axle specifications will **NOT** be changed to reflect the implementation.

All field service procedures are unchanged from those currently done for service as this PIL advise only gear component p/n changes and field kit availability.

PRODUCT INFORMATION LETTER

www.axletech.com

Field Service: A service kit (p/n: 940001312A01) for the 0.756 ratio and (p/n 940001314A01) for the 1:1 ratio have both been created.

A copy of the service kit b/m's are attached to this PIL for reference and are available through the AxleTech aftermarket distribution network.

The IAD assemblies are to incorporate the new gears as indicated in this PIL **effective** with **November 2008** Original Equipment production (ex-our Oshkosh Wisconsin facility).

Service Kit 940001312A01 for 0.756:1.0 ratio Helical Drop Box

CURRENT ITEM NUMBER	NEW ITEM NUMBER	DESCRIPTION	QTY
1229L2742		WASHER-THRUST	1.000
2234F890	223401011E	GEAR-DIFF SIDE,FIN 2.000-39	1.000
JM515649		CONE-BEARING	1.000
3892M5213	389501010E	GEAR-INTEGRAL SPUR&BEVEL,FIN.	1.000
3278N300		SPIDER-DIFF,FIN.	1.000
2233K245	223301006E	PINION-DIFF,FIN.	4.000
1229Q2929		WASHER-THRUST	4.000
1199U1113		LUBRICANT (OZS)	3.000

Service Kit 940001314A01 for 1:1 ratio Helical drop Box

CURRENT ITEM NUMBER	NEW ITEM NUMBER	DESCRIPTION	QTY
1229L2742		WASHER-THRUST	1.000
2234F890	223401011E	GEAR-DIFF SIDE,FIN 2.000-39	1.000
JM515649		CONE-BEARING	1.000
3892W4963	389501011E	GEAR-INTEGRAL SPUR&BEVEL,FIN.	1.000
3278N300		SPIDER-DIFF,FIN.	1.000
2233K245	223301006E	PINION-DIFF,FIN.	4.000
1229Q2929		WASHER-THRUST	4.000
1199U1113		LUBRICANT (OZS)	3.000

All service kits will be available through the AxleTech Aftermarket distribution facilities.

If you have any questions regarding these changes, please contact your AxleTech account representative.



Patrick Laper – Vice president OE Sales
AxleTech International
3001 W. Big Beaver Road, Suite 400
Troy, MI 48084
248-435-6003
Patrick.Laper@Axletech.com

AxleTech International Aftermarket
795 Landmark Drive
Belvidere, IL
877-547-3907
866-547-3987 (Fax)