

# Selecting The Right Equipment

## Measure Wear for Safety Regulation Limits

To determine wear limits, Premier created **Wear Gages** that help judge the useful life of couplings and drawbar eyes (details on page 75). In accordance with Premier and the Federal Motor Carrier Safety Regulations, these were designed to identify wear at the critical percentages of 18% and 20%, by measuring the cross-section of coupling hooks (horn) and drawbar eye loops. 18% wear indicates that the product should be replaced as soon as possible. At 20% wear, the product is no longer in usable condition and must be taken out of service immediately and replaced.



The latch gage bar (14026) measures the gap space between the top of the coupling hook and the closed latch. If our 3/8" latch gage bar can pass between this region, then the latch components should be considered worn past safe limits and replaced. Please note that these wear gage specifications are in accordance with Premier Mfg. Co. and the Federal Motor Carrier Safety Regulations (refer to other manufacturer's specifications for wear limits on their products).

Our **Wear Gages** were designed to identify wear by measuring the cross-section of drawbar eye loops and coupling pintle hooks.

**18% wear indicates that the product should be replaced as soon as possible.**  
**At 20% wear, the product is no longer in usable condition and must be taken out of service immediately and replaced (see page 75).**

## Coupling - to - Wear Gage, Cross Reference Chart

Coupling	Wear Gage #
16	n/a
24	n/a
100	14014, 14026*
100-3	14014, 14026*
100-4	14014, 14026*
100-4H	14014, 14026*
130	14005, 14026*
135NT	14008, 14026*
140	14026*, 14032, 14035
150	14026*
160	14026*, 14035
235NT	14011, 14026*

Coupling	Wear Gage #
240	14008, 14026*
240K	14011, 14026*
270	14011, 14026*
360	14011, 14026*
370	14011, 14026*
370B	14011, 14026*
470	14011, 14026*
470H	14011, 14026*
480	14014, 14026*
570	14011, 14026*
580	14008, 14026*
580J	14011, 14014, 14026*
590L	14008, 14026*

Coupling	Wear Gage #
690L/690R/690T	14014, 14026*
770	14026*
780	14011, 14014, 14026*
790	14026*
880	14020, 14026*
890L / 890R	14014, 14026*
890CL / 890CR	14014, 14026*
2200	14014, 14026*
2300	14014, 14026*
2300B	14014, 14026*
2400	14014, 14026*
2400H	14014, 14026*
2880	14038, 14026*

\*14026 is the Latch Gage Bar to measure the gap space between latch & hook.

## Drawbar Eye - to - Wear Gage, Cross Reference Chart

Drawbar Eye	Wear Gage #
2	n/a
3	14002
4	14005
5	14005 & 14008
6	14032
6A	14032
8	14005
11	14002
20	14005
21	14005
22	14005
23	14005

Drawbar Eye	Wear Gage #
107	14005 & 14032
108	14005 & 14032
110	14005 & 14032
123	14005
126	14005 & 14032
127/127F	14005 & 14032
200	14005
200L	14005
203	14032 & 14008
205	14005 & 14032
207	14005

Drawbar Eye	Wear Gage #
300	14032
304	14005, 14035
305	14032 & 14008
307	14032
309	14032 & 14008
405	14032 & 14008
405SE	14032 & 14035
410	14032, 14008
238DB	14005
245DB	14005
245DB-3	14005

