

Accessories

Wear Gages



To determine wear limits, Premier created Wear Gages that help judge the useful life of couplings and drawbar eyes. Available as a complete kit or individually, these gages are easy to use and are a must for maintenance managers and safety personnel.

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 measures the gap space between the top of the coupling hook and the closed latch. If the 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).

Gages can be purchased individually or in two kit options.

Gage	Description
14000:	Complete Gage Kit (includes all items below)
14020:	2 5/8 in. (67 mm)
14017:	2 1/4 in. (57 mm)
14029:	Fleet Gage Kit (includes items below)
14026:	3/8 in. (10 mm) (Latch Gage)
14014:	2 1/8 in. (54 mm)
14011:	2 in. (51 mm)
14008:	1 3/4 in. (44 mm)
14032:	1 11/16 in. (43 mm)
14005:	1 5/8 in. (41 mm)
14002:	1 1/2 in. (38 mm)

Wear Gage to Drawbar Eye Cross Reference

Our **Wear Gages** were designed to identify wear by measuring the cross-section of 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 (see page 66).

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
125	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
305	14032 & 14008
306	n/a
307	14032
309	14032 & 14008
405	14032 & 14008
407SE	14032
410	14032 & 14008
238DB	14005
245DB	14005
245DB-3	14005

IMPORTANT GUIDELINES that apply to all Premier Accessories

- Always check parts for proper operation prior to placing in service
- Clean and lubricate accessories (where applicable) frequently
- Clean and inspect accessories for damage or excessive wear before each and every use
- Never attempt weld repair or other repair to damaged or defective

Premier accessories

- Only use Premier manufactured or authorized accessories or parts in or on Premier products
- Do not bind-up (Jackknife) any application as stresses can cause damage to products or components, resulting in failure and detachment of the trailer while in use

