

TECHNICAL BULLETIN - #3905
SUBJECT: NAVISTAR #3000 SPLASH SHIELD
Effective Date: 3/15/94 Revised Date: 2/7/05

Because of body design, the Navistar model 3000 school bus chassis does not provide adequate splash protection for bumper mounted crossing arms. The 2.5" gap between the fender and bumper allows road spray to be thrown from the front tire onto the crossing arm. In some instances, the continual spray from the front tire may force water and contaminants into the crossing arm, where it may eventually lead to performance problems.

In order to combat this situation, Specialty Manufacturing Company has made available a splash shield (P/N 8031). The splash shield is designed to mount on 5-series crossing arms using the existing mounting brackets, provided part numbers 8010, 8021-1 and 8021-2 were used to mount the crossing arm. The splash shield may be installed using the following procedures.

1. Loosen the top mounting bolts securing p/n 8010 and 8021-1
2. Removing one bolt at a time, place the splash shield mounting clips on top of the bumper brackets as shown in Figure 1. The splash shield should be positioned behind the fender and bumper with the riveted end of the clip pointing down.
3. Push the splash shield as close to the fender as possible. Rotate the clips as needed to align the shield with the contour of the fender. While holding the clips in place, retighten the bolts.

