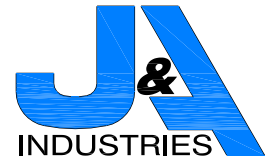


# LOCKING HARDWARE



## Locking Fasteners—are a physical locking fastener

- Over 1 million fasteners in service with zero failures
- Available in a wide variety of styles and for every application
- Locking system ensures hardware will never loosen
- Easy to install - forget ever retightening hardware again



Transducer mounting using  
Locking fasteners



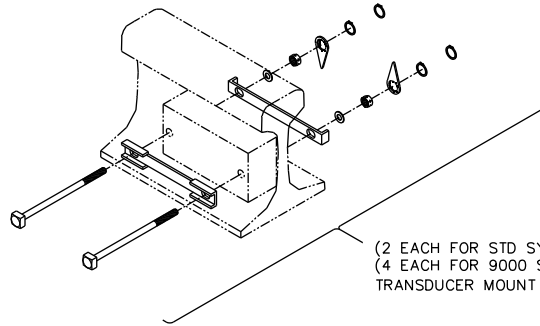
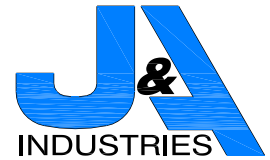
Traditional method of attaching ties to  
bridge deck. Repairs are needed weekly  
to retighten loosened bolts



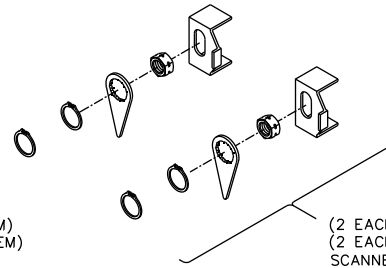
Using Locking fasteners on this bridge application, these bolts  
have been in use for over 3 years and have never needed re-  
tightening (Compared to every other week retightening or  
replacing hardware previously)

# LOCKING HARDWARE

## TRANSDUCER AND SCANNER MOUNTING

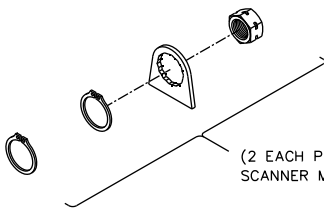


(2 EACH FOR STD SYSTEM)  
(4 EACH FOR 9000 SYSTEM)  
TRANSDUCER MOUNT

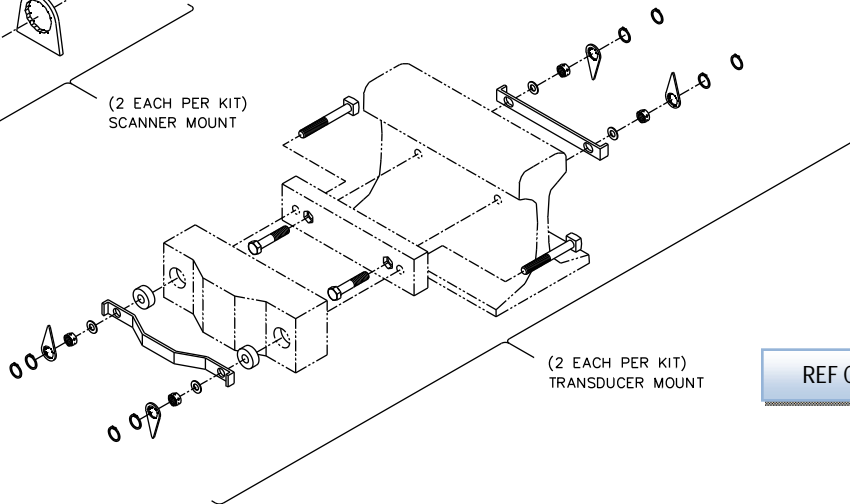


(2 EACH FOR STD SYSTEM)  
(2 EACH FOR 9000 SYSTEM)  
SCANNER MOUNT

REF A-B



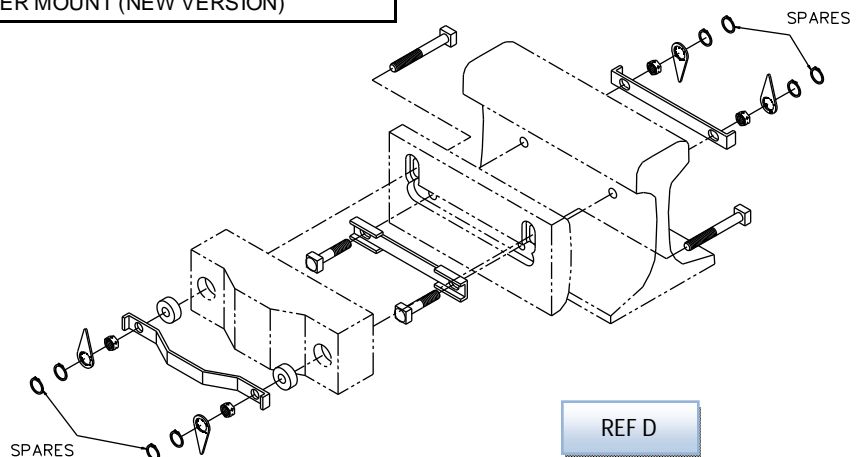
(2 EACH PER KIT)  
SCANNER MOUNT



(2 EACH PER KIT)  
TRANSDUCER MOUNT

REF C

REF	J&A #	DESCRIPTION
A	180441-000	KIT, HBD SCANNER AND TRANSDUCER STANDARD SYSTEM
B	180441-001	KIT, HBD SCANNER AND TRANSDUCER 9000 SYSTEM
C	180442-000	KIT, HBD SCANNER AND TRANSDUCER STC
D	180457-000	BRACKET STC TRANSDUCER MOUNT (NEW VERSION)



REF D