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Products that outperform!

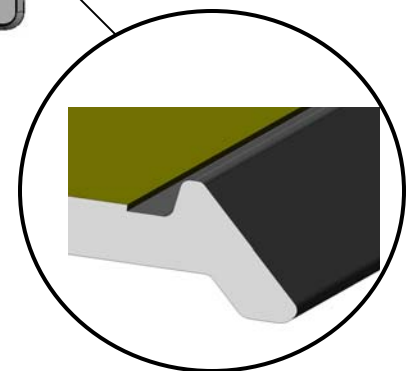
NEW! Permanent Delineator Placard

Features:

- Molded from ZefTuf® engineering grade polymer
- FRA approved reflective tape applied to smooth, flat placard in temperature-controlled environment
- Aerodynamic placard design maximizes tape adhesion
- Recessed truncated fastener receivers allow for two fastening options
 - Plug weld application
 - Rivet application
- Universal design allows for vertical or horizontal application to car body or side sill
- Placard can be applied in all weather conditions
- Labor saving design requires minimal surface preparation



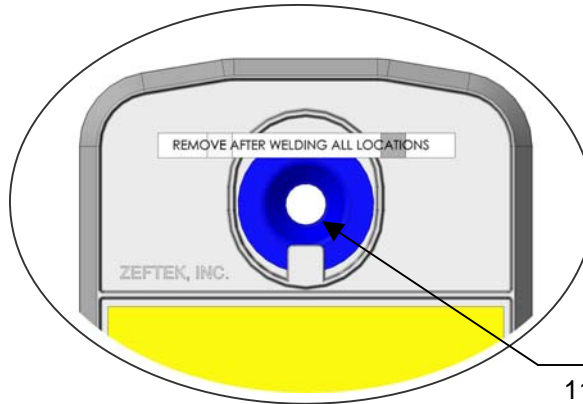
Cross Section View



ZT-503-S/A
S(Steel Cars) or
A(Aluminum Cars)
Patent Applied For



ZT-503 & ZT-515 Series Application Directions



11/32 1/8 20 1/8

WELDING DIRECTIONS

1. LOCATE PLACARD IN PLACE PER FRA-224
2. MARK WELD LOCATIONS ON CAR
3. PREP SURFACE FOR WELDING
4. PLUG WELD ALL LOCATIONS- USING WELD SHOWN
5. REMOVE TAPE FROM WELD WASHERS

HUCK DIRECTIONS

1. LOCATE PLACARD IN PLACE PER FRA-224
2. MARK DRILL LOCATIONS ON CAR 20.125" APART
3. DRILL TWO .261"/.272" DIAMETER HOLES
4. HUCK THROUGH WASHER, PLACARD AND CAR (ALL LOCATIONS)
5. REMOVE TAPE FROM WELD WASHERS

IMPORTANT:

- WHEN LOCATING PLACARD, LEAVE 1/4" CLEARANCE AT EACH END FROM ANY OBSTRUCTIONS TO ALLOW EXPANSION
- AVOID EXCESSIVE WELDING - DO NOT OVERHEAT PART
- APPLY TOUCHUP PAINT TO PREVENT PREMATURE RUSTING
- MAGNETS MAY BE USED TO HOLD PLACARD IN PLACE FOR WELDING

RECOMMENDED FASTENERS					
STEEL			ALUMINUM		
ALCOA PART NUMBER	GRIP RANGE		ALCOA PART NUMBER	GRIP RANGE	
	MIN.	MAX.		MIN.	MAX.
HKLP-R8-6	0.080	0.375	MGLP-B8-4	0.080	0.250
-7	0.187	0.437	-6	0.080	0.375
-10	0.375	0.625	-10	0.350	0.625
-12	0.500	0.750	-E	0.080	0.625
-14	0.625	0.875	-7	0.080	0.437
-18	0.875	1.125	-14	0.580	0.875
-20	1.000	1.250			



INITIAL PREP FOR DELINEATORS
BEING HELD IN PLACE BY MAGNETS.



WELD APPLICATION
NOTE THE CONDITION OF THE CAR BODY



CLOSE UP OF WELD APPLICATION

