



## TE Connectivity / DEUTSCH HD Harsh Environment Connectors Series Modifications

### HD10 Modification Types

B009: Receptacle with raised key removed from front of flange, no rear threads  
B010: Plug with coupling ring added  
B022: Receptacle with D-hole panel mount, rear threads, J1939, black  
B025: Receptacle with D-hole panel mount, no rear threads, black  
BP03: Receptacle with D-hole panel mount, J1939 Type II, green  
C016: Cavities blocked (H, J) - HD10 Series 9 way  
C024: Cavities blocked (B, C, D)  
E004: Black  
N005: Receptacle with molded-in PCB pins, modified shell  
P080: J1939 Type II, green

### HDP20 Modification Types

C030: Four size 16 cavities blocked (1, 2, 5, 6)  
C038: Three size 4, four size 16, requires special size 4 AWG contacts  
C041: Receptacle with diagnostic keying  
CL20: Plug with diagnostic keying  
L015: Threaded adapter for backshell strain relief  
L017: Ring adapter for backshell strain relief  
L024: Wide threaded adapter for backshell strain relief  
P064: 24-91 arrangement without internal jumper

### **HD30 Modification Types**

B019: Custom snap ring mount  
C012: Cavities blocked (J, P)  
C018: Cavities blocked (11, 18, 19), N/E seal options  
C019: Cavities blocked (1, 2, 8, 9), N/E seal options  
C020: Cavities blocked (A, D), N/E seal options  
C021: Cavities blocked (A, B, C, D)  
C022: Cavities blocked (A, D, J, M), with reduced diameter seals (E seal)  
C030: Four size 16 cavities blocked (1, 2, 5, 6)  
C038: Three size 4, four size 16, requires special size 4 AWG contacts  
CL01: Cavities blocked (J, Q, R, S, X), adapter for cable clamp (072)  
H001: Plated with yellow chromate conversion  
HL01: Dust cap plated with yellow chromate conversion, sash chain with eyelet for #10 screw  
HL02: Adapter for cable clamp (-072) plated with yellow chromate conversion  
J001: Reverse cavity marking identification on grommet  
J059: Reverse cavity marking identification on grommet, cable clamp (-059)  
L001: Same as -059 (cable clamp)  
L003: Cable clamp adapter (-072)  
L005: Cable clamp adapter (-072) without drain holes  
L006: -059 modification using adapter without drain holes  
L020: Removes #10 eyelet from the dust cap chain  
L072: Adapter ring  
P064: 24-91 arrangement without internal jumper  
059: Addition of threaded adapter and cable clamp assembly  
072: Addition of threaded adapter  
1E: Removes rivet and chain from protective dust cap