# MSA Harness Inspection: V-FIT<sup>™</sup> Harness

Name	Clock No.					
Model No.	Serial No.	Manufacture Date				
Inspector's	Inspection	DISPOSITION (Check One)				
Name	Date	PASS FAIL				

3. Inspect buckles.

a. Secure-Fit Buckle (if present): Make sure both locking tabs

b. Quick Connect Buckle (if present): Make sure both pawls are

c. RaceFLEX (if present): Make sure both pawls are engaged and

engage fully and operate smoothly.

4. Inspect all labels. Labels must be present and legible.

engaged and operate smoothly.

operate smoothly.

### Inspection Procedure

- 1. Inspect all webbing (straps) and stitching for cuts, fraying, pulled or broken threads, abrasion, excessive wear, altered or missing straps, burns, UV damage, and heat and chemical exposures.
- 2. Inspect all parts for deformation, cracks, corrosion, deep pitting, burrs, sharp edges, cuts, nicks, exposure to excessive heat or chemicals or other damage. Check for missing, loose or improperly functioning parts.

FORMAL INSPECTION LOG							
		OTY/	CONDITION	OVERALL			
ITEM	DESCRIPTION	Unit	CODE(S)	ASSESSMENT	COMMENTS		
Fabric Components: Optional Padding							
1	Shoulder Pad-Exterior Fabric	N/A					
2	2 Shoulder Pad–Interior Fabric						
3	3 Leg Pads—Exterior Fabric (if applicable)						
4	Leg Pads—Interior Fabric (if applicable)	N/A					
Fabric Components: Webbing							
5	Shoulder Straps (above chest buckle)	2					
6	6 Torso Straps–Front (below chest buckle)						
7	Torso Straps-Back (below shoulder pad)	2					
8	Leg Straps	2					
9	Subpelvic Strap	1					
Fabric Components: Stitching							
10	Chest Buckle Stitches	2					
11	Leg Buckle Stitches	2					
12	Subpelvic Stitches	2					
13	Load Indicators	2					
Metal Components: D-Rings							
14	Chest Buckle	1					
15	Tongue Buckle Legs	2					
16	Quick Connect Legs	2					
17	Back D-Ring	1					
Plastic Components							
18	Leg Web Finials	2					
19	Chest Web Finials	2					
20	Lanyard Keepers	4					
21	PFL Connector Port	1					
22	Labels	5					



### **CONDITION CODES/OVERALL ASSESSMENT CODES** Fabric Components: Webbing **Metal Components** CONDITION CONDITION OVERALL OVERALL ASSESSMENT CODE ASSESSMENT CODE DESCRIPTION CODE DESCRIPTION CODE Deformed/Fractured M1 Cuts/Fraying W1 P' = PassW2 M2 Abrasion/Wear Corroded/Deep Pits Webbing Partially Missing/Altered W3 M3 P' = PassMissing/Loose Acceptable Metallic Burns/Heat Exposure W4 Heat Exposure M4 Acceptable 'F' = Fail W5 M5 **Chemical Exposure Chemical Exposure** Webbing W6 M6 Other **Burrs/Sharp Edges** $\mathbf{F}' = \mathbf{Fail}$ Not Acceptable No Visible Change WO M7 Cuts/Deep Nicks Metallic Fabric Components: Stitching M8 Malfunction Not Acceptable Cut/Pulled/Loose Thread S1 Other M9 'P' = PassS2 M0 Abrasion/Wear No Visible Change Stitching PartiallyMissing/Altered S3 **Plastic Components** Acceptable Burns/Heat Exposure S4 Cut/Broken P1 'P' = PassS5 $\mathbf{F}' = \mathbf{Fail}$ P2 Chemical Exposure Wear Damage Plastic Stitching S6 Missing/Loose P3 Other Acceptable Not Acceptable No Visible Change S0 **Burns/Heat Exposure** P4 $\mathbf{F}' = \mathbf{Fail}$ P5 Chemical Exposure Plastic P6 Other Not Acceptable P0 No Visible Chang

## Formal Inspection

MSA requires that all harnesses be inspected by a competent person other than the user at intervals of no more than six months per applicable standard or as specified by a formal fall protection program. Record formal inspections in the provided Inspection Log. Punch or indelibly mark the inspection grid attached to the harness. Do not use a harness with a formal inspection date older than six (6) months unless under provision of formal inspection program. MSA recommends that harnesses with formal inspection dates older than six (6) months be tagged "UNUSABLE" and removed from service until after formal inspection.





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