

MSA Harness Inspection: V-FLEX™ Harness

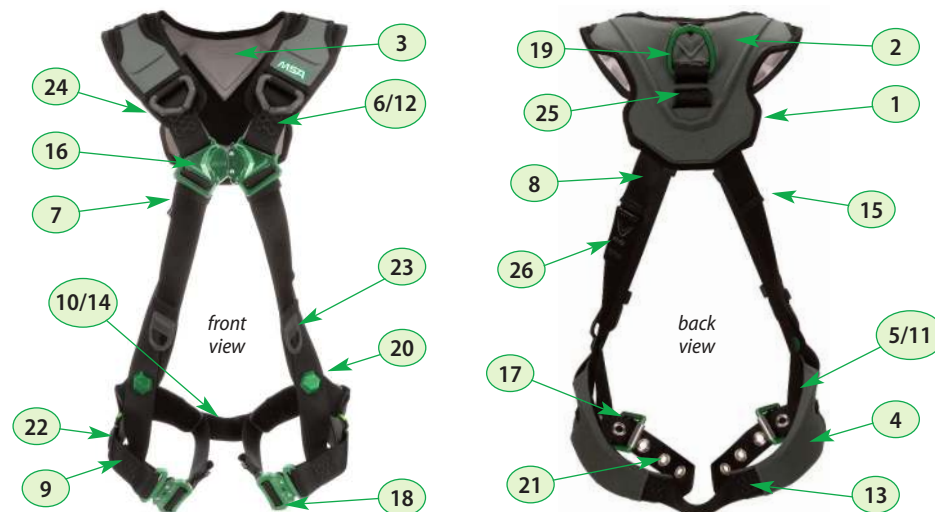
Name	Clock No.		Manufacture Date
Model No.	Serial No.	DISPOSITION (Check One)	
Inspector's Name	Inspection Date	PASS ☐	FAIL ☐

Inspection Procedure

- 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.
- 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.
- Inspect buckles.
 - Secure-Fit Buckle (if present): Make sure both locking tabs engage fully and operate smoothly.
 - Quick Connect Buckle (if present): Make sure both pawls are engaged and operate smoothly.
 - RaceFlex (if present): Make sure both pawls are engaged and operate smoothly.
- Inspect all labels. Labels must be present and legible.

FORMAL INSPECTION LOG

ITEM	DESCRIPTION	QTY/ Unit	CONDITION CODE(S)	OVERALL ASSESSMENT	COMMENTS
Fabric Components: Padding					
1	Shoulder Pad—Binding Edges	N/A			
2	Shoulder Pad—Exterior Fabric / Foam	N/A			
3	Shoulder Pad—Interior Fabric / Foam	N/A			
4	Leg Pads—Exterior Fabric / Foam	N/A			
5	Leg Pads—Interior Fabric / Foam	N/A			
Fabric Components: Webbing					
6	Shoulder Straps (above chest buckle)	2			
7	Torso Straps—Front (below chest buckle)	2			
8	Torso Straps—Back (below shoulder pad)	2			
9	Leg Straps	2			
10	Subpelvic Strap	1			
11	Trauma Step (inside leg padding)	1			
Fabric Components: Stitching					
12	Chest Buckle Stitches	2			
13	Leg Buckle Stitches	2			
14	Subpelvic Stitches	2			
15	Load Indicators	2			
Metal Components: D-Rings					
16	Chest Buckle	1			
17	Tongue Buckle Legs	2			
18	Quick Connect Legs	2			
19	Back D-Ring	1			
20	Hip Junctions	2			
21	Grommets	16			
Plastic Components					
22	Leg Web Finials	2			
23	Chest Web Finials	2			
24	Lanyard Keepers	2			
25	PFL Connector Port	1			
26	Labels	5			



CONDITION CODES/OVERALL ASSESSMENT CODES

Fabric Components: Webbing			Metal Components		
CONDITION		OVERALL ASSESSMENT CODE	CONDITION		OVERALL ASSESSMENT CODE
DESCRIPTION	CODE		DESCRIPTION	CODE	
Cuts/Fraying	W1	'P' = Pass Webbing Acceptable	Deformed/Fractured	M1	'P' = Pass Metallic Acceptable
Abrasion/Wear	W2		Corroded/Deep Pits	M2	
Partially Missing/Altered	W3		Missing/Loose	M3	
Burns/Heat Exposure	W4	Heat Exposure	M4		
Chemical Exposure	W5	Chemical Exposure	M5		
Other	W6	'F' = Fail Webbing Not Acceptable	Burrs/Sharp Edges	M6	'F' = Fail Metallic Not Acceptable
No Visible Change	W0		Cuts/Deep Nicks	M7	
			Malfunction	M8	
Fabric Components: Stitching			Other	M9	
Cut/Pulled/Loose Thread	S1	'P' = Pass Stitching Acceptable	No Visible Change	M0	
Abrasion/Wear	S2		Plastic Components		
Partially Missing/Altered	S3		Cut/Broken	P1	'P' = Pass Plastic Acceptable
Burns/Heat Exposure	S4	Wear Damage	P2		
Chemical Exposure	S5	Missing/Loose	P3		
Other	S6	'F' = Fail Stitching Not Acceptable	Burns/Heat Exposure	P4	'F' = Fail Plastic Not Acceptable
No Visible Change	S0		Chemical Exposure	P5	
			Other	P6	
		No Visible Change	P0		

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.