

	Items	Euro NCAP	JNCAP	KNCAP	OICA proposal	Remarks
Prerequisite	System Information Requirement(provided by manufacturers)	O	?	O	x	details of sensing and deployment, HTD(PDI-1, PDI-2, evidence data(force, mass, energy, intrusion, acceleration))
	Simulation Human Models or Physical Test Human dummies (tool for HIT)	O	?	x	x	percentile, model name, dummy
	Simulation/Physical Testing Condition Requirement(for HIT)	O	O	O	O	posture, friction, impact speed(40km/h or 45km/h)
		speed: 45km/h	speed: 40km/h	speed: 40km/h	speed: 40km/h	
	HIT Information	O	O	O	O	HIT & WAD graph(best regression linear line)
	Protection at speed below the deployment threshold	O	O	x	x	HIC requirement, impact speed
	Protection at higher impact speeds	O	x	x	x	initiation at least 50km/h
	Bonnet deflection due to body loading	O	x	△ (deployed simulation only)	x	undeployed simulation, deployed simulation, displacement by body loading
Bonnet deflection clearance(BASt)	x	x	x	x	BASt, Germany	
		O	O	O	O	
	TRT Test(40km/h)	location: particular locations in bumper test area	?	location: by agency(in test area)	CTR	impactor, location

Verification	Low Threshold Test	0	0	0	x	deployment check
		location: particular locations in bumper test area	location: CTR or outmost grid	location: by agency(in test area)		
	High Threshold Test	0	x	0	x	deployment check, impact speed
		location: particular locations in bumper test area		location: by agency(in test area)		
	Number of Tests	minimum 3	?	minimum 3	1	
Test Locations	particular locations in bumper test area	?	by agency(in test area)	CTR		
Headform Test	Static Test at the undeployed poistion	0	0	0	0	
	Static Test at the deployed poistion	0	0	0	0	aiming method, speed measurement, accuracy check
	Dynamic Test	0	0	0	0	synchronization procedure/requirement
	Combined Test	0	0	0	0	