

Michigan Scientific Corporation
Passenger Vehicle Wheel Force Transducer Adapter Checklist

1. A completed checklist and CAD drawing of the OEM wheel are required to ensure proper adapter function.

Pflichtfeld / Mandatory / champ obligatoire

	EN	DE	FR	Example	Answer / Angabe / Réponse
-	OEM Rim material	<i>Felge Material</i>	<i>Matériau Jante</i>	Aluminium	
D1	Rim diameter	<i>Felge Grösse</i>	<i>Taille de jante</i>	18"	
L10	Rim Width	<i>Felge Breite</i>	<i>Largeur de jante</i>	8"	
L2	Wheel Offset (hub face to wheel centerline)	<i>Einpresstiefe (Radnabe bis)</i>	<i>Offset de roue</i>	40 mm	
-	Tire size	<i>Reifengrösse</i>	<i>Dimensions pneu</i>	215/55R17	
-	OEM tire model and manufacture	<i>Reifenmodell</i>	<i>Monte pneu standard</i>		
D2	Bolt pattern diameter	<i>Lochkreis</i>	<i>Cercle de boulons</i>	112 mm	112 mm
D3	Diameter of center pilot				
L3	Length of center pilot				
D4	Hub diameter	<i>Radnabe Ø</i>	<i>Ø moyeu</i>		
D5	Diameter of brake disk	<i>Bremsscheibe Ø</i>	<i>Ø disque de frein</i>	270 mm	
L4	Distance from brake disk to hub face	<i>Abstand Bremsscheibe / Radnabe</i>			
L5	Thickness of brake disk	<i>Bremsscheibe Dicke</i>	<i>Epaisseur du disque de frein</i>	30 mm	
L6	Distance from brake caliper to hub face				
R1	Radius of brake caliper - outer			180mm	
R2	Radius of brake caliper - inner			130mm	
D6	Shaft diameter (if existing)			25mm	
C1	Wheel Pilot Chamfer			4mm x 45°	
L7	Length of shaft (if existing)			40mm	
R3	Radius of valve stem		<i>Rayon de la valve de gonflage</i>	150mm	
-	Vehicle type	<i>PKW Modell</i>	<i>Modèle véhicule</i>	VW Passat	
-	Vehicle year	<i>Herstellungsjahr</i>	<i>Année de fabrication</i>	2017	
-	Maximum vehicle weight during test	<i>Max. PKW Gewicht während des Versuchs</i>	<i>Poids Véhicule maxi durant l'essai</i>	1600kg	
-	Maximum static load on transducer	<i>Maximal Last am Rad</i>	<i>Charge statique maxi à la roue</i>	600kg	
-	Mounting positions			FL, RR, All	
-	Lug nut or lug screw				
-	Lug nut/screw thread size			M12x1.5	
L8	Length of lug nut/screw head			20mm	
D7	Diameter of lug nut/screw head			32mm	
D8	Diameter of lug nut/screw hole			13.5 mm	
L9	Length of thread			30mm	
L10	Wrench size			20mm	
A1	Angle of head (if conical)			60°	
R4	Radius of head (if spherical)			R10	
-	Number of nuts/bolts	<i>Anzahl an Radschrauben</i>	<i>nombre de vis de roues</i>	6	5
-	Wheel Force Transducer			LW12.8-50	LW65 + Telemetrie

