

MATTRACKS SALES, INC

MATTRACKS

## Model 105-M1-A1-SA-M

COMPACT, MIDSIZE 4X4 TRUCK OR SUV

Easy Steering • Medium Duty Vehicles up to 10,500 lbs. or 4,760 kg GVW



**TRACK-STEER ASSIST ACCESSORY KIT**



### SPECIFICATIONS

Exclusive Anti-Torque System	.....	Rubber Torsion - Anti Torque
Frame Construction	.....	Steel
Assembly Weight	.....	1,510 lbs. @ 420/335 lbs. ea. (686 kg 190/153 kg ea.)
Type of Vehicle***	.....	FRONT-105-M1-A1 W/Steering Assist REAR-105-M1
Recommended Max Gross Wt.****	.....	Compact, Midsize 4x4 Trucks or SUVs
Internal Suspension	.....	10,500 lbs. (4,760 kg) GVW, 5,250 lbs. (2,380 kg) per axle
Track Tread Width	.....	Ft. - Concentric Pivot w/ Independent Offset Rocker Arm (for easy steering),
Tread Style	.....	Rr. - Concentric Pivot - Rigid
Track Material	.....	16 in. (406 mm)
Recommended Operating Temperature	.....	All-Terrain Self-Cleaning
Overall Width Increase from Standard*	.....	Rubber with Internal Composite Rods/Cord
Increase Ground Clearance*	.....	(Ambient) -38° F to +130° F (-40°C to +55°C)
Mattracks Position Vehicle Over Axle Center @19.75 in. (500 mm)	.....	15 in. to 18 in. (380 mm to 460 mm)
Lowers Center of Gravity*	.....	1-1/2 in. to 6 in. (40 mm to 150 mm)
Ground Contact Length:	.....	
(Hard Surface)	.....	1-1/2 in. to 2-1/2 in. (40 mm to 60 mm)
(Soft Surface)	.....	41 in. min. (1040 mm)
Ground Contact Surface Area	.....	59 in. max. (1500 mm)
Ground Pressure*	.....	2,624 sq. in. min. (16,900 sq. cm. min.)
Sprocket Diameter	.....	3,776 sq. in. max. (24,360 sq. cm. max.)
Gear-Reduction	.....	1.4 to 2.8 psi (.01 to .02 Nmm <sup>2</sup> )
Wheels (Double Shielded & Sealed Bearing)	.....	18.5 in. (470 mm)
Wheel Material	.....	1/3 Increase in Gear Reduction on Vehicle with 30 in. (760 mm) Standard Tire
Paint (color)	.....	8 in. x 2 in. HD Extra Seals (10/corner, 2 rows)
	.....	UHMW and Rubber
	.....	Yellow-Standard
	.....	Other Colors - "Optional"
	.....	E Coat Corrosion
	.....	Resistance - "Optional"

### PERFORMANCE

Recommended Max. Speed**	.....	40 mph (64 km/h)
Turning Radius	.....	Same as original vehicle
Approach Angle*	.....	Up to 90°
Departure Angle*	.....	Up to 80°
Grade Capacity*	.....	100%
Side Slope Capacity	.....	68%
Terrain - All Terrain Including Hard Surface	.....	@ 10,500 lbs. (4760 kg) GVW
Maximum Distance Off Road	.....	Indefinite
Maximum Distance Hard Surface**	.....	At Below 80° F (26°C): Indefinite
	.....	At Above 80° F (26°C): 15 miles @ 40 mph
	.....	(22 km @ 64 km/h)

\*Depending on vehicle    \*\*For maximum tread life  
 \*\*\*Some vehicles may require slight alterations.  
 \*\*\*\*Do not exceed manufacturer's vehicle capacities.

ALL SPECIFICATIONS ARE APPROXIMATE, YOUR VEHICLE'S PERFORMANCE MAY DIFFER. WE RESERVE THE RIGHT TO MAKE CHANGES OR MODIFICATIONS WITHOUT NOTIFICATION  
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