

Do You Need a GVM Upgrade?

How to Determine Load Within Your Vehicle

The figures in this brochure are a guide only. Always refer to the owner's manual for the load ratings specific to your vehicle.

STEP 1



Load placed over the front half of the vehicle determines front axle load
Ensure total weight does not exceed manufacturer's axle load limit

FRONT AXLE RATING		Ranger PX / PXII / PXIII	Colorado 2012 - 2016	D-Max 2012+	Hilux 2005 - 2015	Hilux 2015+ WorkMate	Hilux 2015+ SR/SR5	Landcruiser 200 Series 2007+	Landcruiser 78/79 Series 2007+
	OE	1480kg	1300kg	1350kg	¹ 1240kg - 1340kg	1450kg	1450kg	² 1630kg 1700kg	1480kg
Ironman 4x4	1500kg	1550kg	1500kg	1540kg	1510kg	1510kg	1630kg 1700kg	1550kg	

¹ Front Axle updated 4 times ² Front Axle upgraded January 2012

STEP 2



Load placed over the rear half of the vehicle determines rear axle load
Ensure total weight does not exceed manufacturer's axle load limit

REAR AXLE RATING		Ranger PX / PXII / PXIII	Colorado 2012 - 2016	D-Max 2012+	Hilux 2005 - 2015	Hilux 2015+ WorkMate	Hilux 2015+ SR/SR5	Landcruiser 200 Series 2007+	Landcruiser 78/79 Series 2007+
	OE	1850kg	1680kg	1870kg	³ 1520kg - 1600kg	1700kg	1700kg	1950kg	2300kg
Ironman 4x4	2000kg	1950kg	2000kg	1810kg	2000kg	2000kg	1950kg	2800kg	

³ Single Cab and Double Cab 1600kg, Extra Cab 1520kg

STEP 3

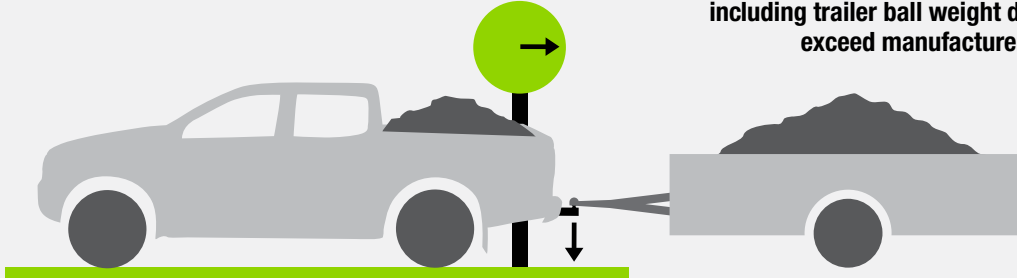


1 + 2 = Total weight of vehicle
Ensure total weight does not exceed manufacturer's GVM (gross vehicle mass)

GROSS VEHICLE MASS (GVM)		Ranger PX / PXII / PXIII	Colorado 2012 - 2016	D-Max 2012+	Hilux 2005 - 2015	Hilux 2015+ WorkMate	Hilux 2015+ SR/SR5	Landcruiser 200 Series 2007+	Landcruiser 78/79 Series 2007+
	OE	3200kg	2900kg	2950kg - 3050kg	2850kg	3000kg	3050kg	⁴ 3300kg 3350kg	⁵ 3300kg 3400kg
Ironman 4x4	3500kg	3500kg	3500kg	3350kg	3510kg	3510kg	3580kg	3900kg	

⁴ GVM upgraded January 2012 ⁵ Single Cab 3400kg, Dual Cab / Troop Carrier 3300kg

STEP 4

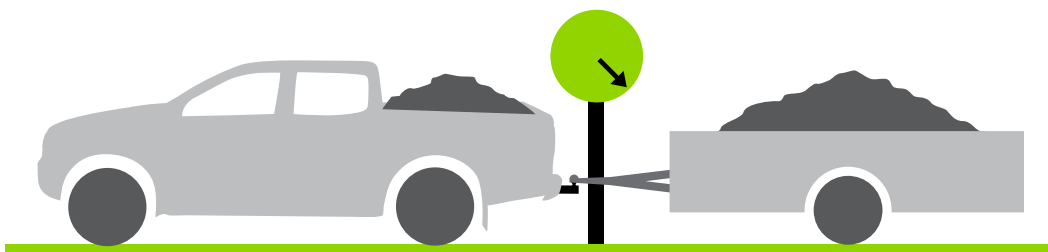


Ensure total weight of vehicle including trailer ball weight does not exceed manufacturer's GVM

GROSS COMBINED MASS (GCM)		Ranger PX / PXII / PXIII	Colorado 2012 - 2016	D-Max 2012+	Hilux 2005 - 2015	Hilux 2015+ WorkMate	Hilux 2015+ SR/SR5	Landcruiser 200 Series 2007+	Landcruiser 78/79 Series 2007+
	OE	6000kg	5400kg petrol 5900kg diesel	5950kg	⁶ 4600kg - 4750kg	5850kg	5850kg	6850kg	⁷ 6800kg 6900kg
Ironman 4x4	6000kg	5400kg petrol 5900kg diesel	5950kg	4600kg 4750kg	5850kg	5850kg	6850kg	⁸ 6800kg 6900kg	

⁶ 1GR-FE 4750kg, 2TR-FE 4600kg ⁷ and ⁸ Single Cab 6900kg, Dual Cab / Troop Carrier 6800kg

STEP 5



Total weight of vehicle plus trailer weight = GCM (gross combined mass)
Ensure total weight of vehicle and trailer does not exceed manufacturer's GCM
Also ensure trailer does not exceed towing capacity

TOWING CAPACITY (BRAKED)		Ranger PX / PXII / PXIII	Colorado 2012 - 2016	D-Max 2012+	Hilux 2005 - 2015	Hilux 2015+ WorkMate	Hilux 2015+ SR/SR5	Landcruiser 200 Series 2007+	Landcruiser 78/79 Series 2007+
	OE	3500kg	2500kg petrol 3000kg diesel	3500kg	3200kg	3200kg	3500kg	3500kg 3550kg	3500kg
Ironman 4x4	3500kg	2500kg petrol 3000kg diesel	3500kg	3200kg	3200kg	3500kg	3500kg 3550kg	3500kg	

If you exceed manufacturer's rating on any of the above loads, you need a GVM upgrade

