



GEA ProManure E2750 & E2740

Steerable and tandem
liquid manure spreaders



DIETERMAN FARM SERVICES LLC, MCBAIN, MI, USA

In 2019, the Dieterman family business chose to purchase sixteen GEA 10,500 gallon stainless steel spreaders to do more in less time. They decided on GEA for the reliability. GEA equipment keeps them running, with less breakdown and the availability of spare parts.

GEA ProManure

Liquid Manure Spreaders

Chosen over 10,000 times and still going strong. The GEA spreader is the preferred choice over the competition.

GEA liquid manure spreaders, chosen for performance, reliability, durability and many other reasons.

- Simple and effective steering system for superior maneuverability
- Stainless steel tank welded inside and out for increased durability
- Swivel hitch for better interaction between tractor and spreader
- Epoxy primer and urethane paint finish for corrosion resistance
- Industry standard-setting tank shape design
- Bolt-on components for easy maintenance
- Specially-designed suspension system for minimal compaction
- Minimal maintenance required



OUR CUSTOMERS FREQUENTLY AND SUCCESSFULLY PUT THEIR GEA LIQUID MANURE SPREADERS TO THE TEST. WE PROVIDE THE MOST DEPENDABLE AND RELIABLE SPREADERS ON THE MARKET!

DIBBET FARM AND CUSTOM HAULING, SIOUX CENTER, IA, USA — “What I like best about my GEA spreader is the options that it has — a hydraulic-powered steering and weight-transfer system to lift the spreader front axle when returning empty,” said Jerry Dibbet. “It helps reduce the hitch slapping due to the negative tongue weight with the larger toolbars. I also like the easy maintenance and how effortless the pull is, which leads to better fuel economy and quicker cycle times.”

GEA ProManure E2750

Steerable Liquid Manure Spreader

The steerable spreaders offer good maneuverability and control, which results in less ground compaction when turning. The exclusive hydraulic power-steering and superior quality suspension provide better durability.



The reservoir walls are made of high quality steel and are welded inside and out for increased durability. Baffles are installed inside the reservoir, providing liquid manure stability.

GEA ProManure spreaders are pretreated using iron phosphate to improve the corrosion resistance. They are coated with a layer of Epoxy primer then two layers of Urethane paint making them resistant to extreme conditions.

Because we believe that a good product must be maintained, we have integrated several centralized lubricating points as well as cleaning access points on top of the reservoir.

Contact your local dealer for information regarding tire, brake and other options to customize your spreader.

Specifications

- 4, 6 and 8 wheel steerable spreader models
- Exclusive power-steering system
- Single or double hitch
- Bolted impeller housing made of abrasion resistant steel
- Heavy-duty discharge pipe with anti-siphon
- Fill opening with protection grid
- Front fill indicator
- Front drain with stone collector
- Integrated ladder
- Signal lights
- 540 or 1,000 RPM impeller
- Remote grease on knuckles
- 4" axle shafts rated for 18,000 lbs/each - made of 4340 steel

Power Steering System

The GEA patented power-steering system is unique. By matching the turning angle of the tractor it allows for safer operation.

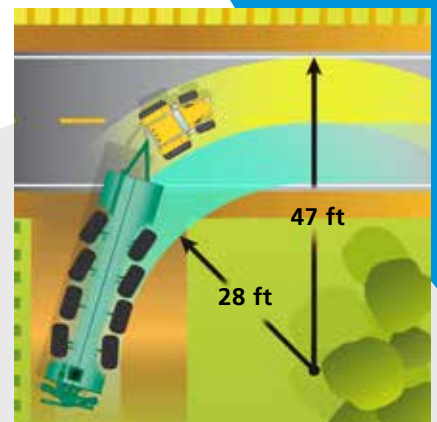
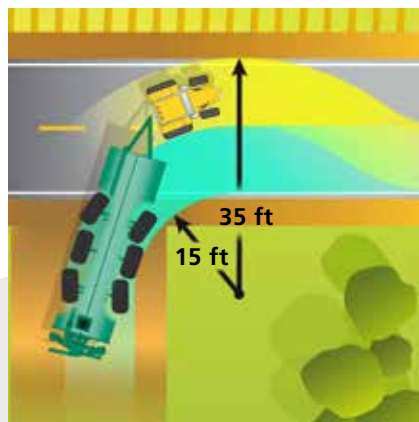
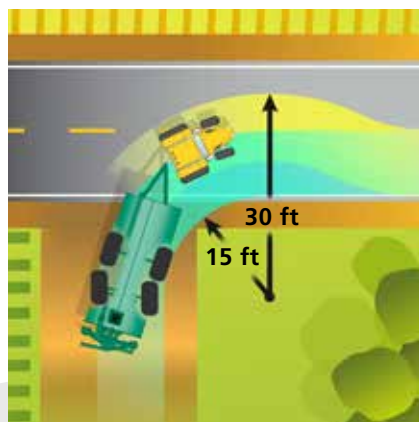


SAFETY FIRST !!!

It is necessary to disengage the power steering after completing a turn or as soon as the spreader speed exceeds 8 mph (12 Km/h).

The heavy-duty compression springs to keep the spreader in-line behind the tractor.

We encourage good driving behavior to optimize the operating experience. To help prevent premature wear of the tires and other components, see operating instructions below.





SUSPENSION DESIGN

The suspension cylinders are located at the tank's center of gravity. When the spreader is full, this unique design reduces excessive load variations and helps improve traction.

Rigid transaxles, in combination with suspension cylinders mounted close to the wheels, reduce the "rebound effect" commonly experienced on rough roads.

- 1 Axles are attached under the tank by 4 sway bars and 1 cross member mounted on urethane bushings.
- 2 Suspension cylinders provide equal weight distribution on each tire, and each side works independently.
- 3 The steerable axle(s) chromed kingpins are mounted with greasable brass bushings. Bolted axles are easy to remove.

Hydraulic Suspension

GEA's suspension has a full 12" of travel. The system allows smooth travel over rough terrain and reduces strain on the reservoir.



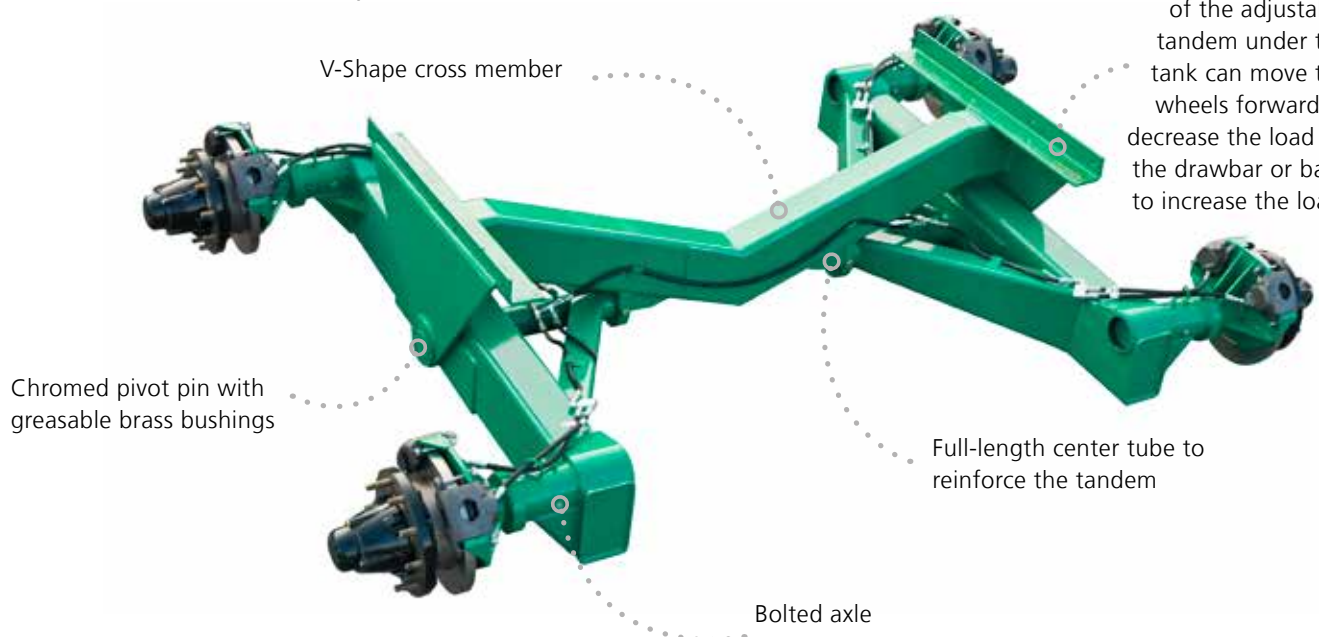
GEA ProManure E2740

Liquid Manure Spreader with tandem

Combining lightness and strength, the tandem spreader remains an economical and efficient choice. They are built with the same high level of quality as the steerable spreaders.

Tandem bolted to the reservoir

The mounting system of the adjustable tandem under the tank can move the wheels forward to decrease the load on the drawbar or back to increase the load.



The GEA tandem is designed with a full length central tube, providing more resistance to twisting than conventional open tandem axles. The “V” shape design lowers the reservoir, lowering the center of gravity and increases stability. With this design, the wheels are located closer to the reservoir, reducing the flex on the axle.

Specifications

- 4 wheel spreaders
- Single or double hitch
- Bolted impeller housing made of abrasion resistant steel
- Heavy-duty discharge pipe with anti-syphon
- Fill opening with protection grid
- Front fill indicator
- Front drain with stone collector
- Integrated ladder
- Signal lights
- 540 and 1,000 RPM impeller
- Remote grease line kit
- 4” axle shafts rated for 18,000 lbs/each - made of 4340 steel

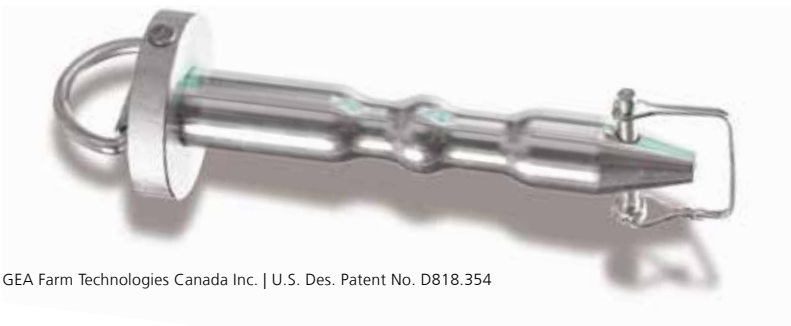
GEA Hitch Selection

GEA single and double hitches provide excellent articulation between the tractor and spreader which helps reduce stress and increase service life of the product.



Double Hitch

The double hitch on GEA liquid manure spreaders is offered for category 2, 3, 4 and 5 tractors. All categories come with the new GEA ball pin except for the category 2 which comes with a standard pin.



GEA Farm Technologies Canada Inc. | U.S. Des. Patent No. D818.354

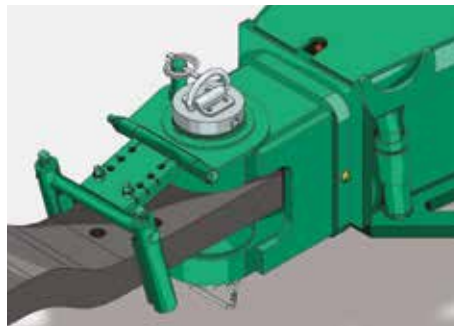
GEA Ball Pin

The quality and effectiveness of a pin is based on tight attachment, to reduce wear and facilitate the operation of the vehicle. A wide articulation range is also a requirement to overcome soil imperfections in the smoothest way.

The patented ball pin design offered with GEA double hitches is unique to our equipment. It provides a tight attachment while achieving a wider articulation range than before.

Power Steering System

With the double hitch, you can choose between two different power steering systems. Our traditional steering finger system or the new steering pin system.

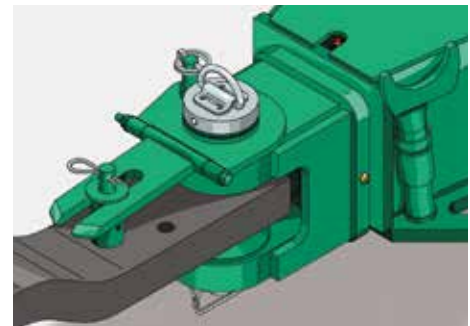


Ball Hitch

The ball coupling system is highly robust and durable. It reduces impacts and jolts to significantly improve the driving behavior of the tractor. GEA Ball Hitch is available for steerable liquid manure spreader models as well as for those with tandem.



Ball Hitch with Power Steering System



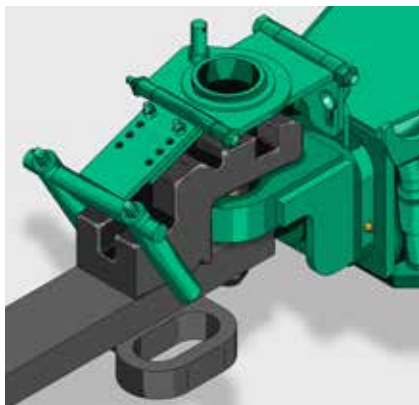
Single Hitch

The single hitch design has been reviewed and improved to reflect the double hitch. The hitch plate is off-center and at the same height as the top plate of the double hitch. It provides better attachment and improved articulation between the spreader hitch and tractor draw bar which results in increased durability.



Single Hitch with Power Steering System

The steering fingers system is the only option for the single hitches.



POWER STEERING SYSTEM

GEA's power steering system has been designed to fit all single and double hitches. This allows for simple replacement or and to switch from a single to a double hitch, or the other way around, without having to change the whole power steering system

Hubs, Brakes and Tires



Heavy Duty Hub

Certain types of terrain are hard on some parts. Therefore, we designed and manufactured a GEA exclusive hub to meet the toughest demands.

Our heavy-duty hub is made of ductile cast iron providing greater resistance and an increased life span. The bearing position provides the hub with better weight distribution.



Disc Brakes

GEA hydraulic disc brakes come with two or three calipers. Each brake system comes with a master cylinder and pressure regulator custom fit to the tractor. The triple caliper brakes are available only on steerable spreaders.

Brakes are mandatory on spreaders over 5,000 US gallons (4,100 UK gallons).



Air Brakes

Our air braking system is designed to improve safety and ensure maximum braking power. GEA air brakes can achieve up to 14.75 feet/sec² of deceleration and meet ASABE standards. Only available on steerable spreaders.



Tires and Wheels

Tires on GEA liquid manure spreaders offer a good quality to price ratio while helping to reduce soil compaction. Tires available for each spreader model are listed in the specifications at the end of the brochure.

HYDRAULIC SYSTEM TO TRANSFER WEIGHT ON TRACTOR

This option allows the operator to gently increase the weight on the tractor drawbar when additional traction is needed.

Reservoir Options



Stainless Steel Tank

The reservoir of all liquid manure spreader models can be made of stainless steel. It increases service life and trade-in value in addition to being lighter - 60 lbs (27 kg) per foot of reservoir length.



Hydraulic HE Impeller Drive

The hydraulic HE impeller drive option allows for simple setup. It also offers exceptional maneuverability in tight turns where the operator is usually restricted by the limits of the PTO driveline. This option is not available on EL66 models.



Anti-Splash Door on Fill Opening

An automatic spring-loaded flapper door system to prevent splash during travel.



Hydraulic Door on Fill Opening

The hydraulic sliding door allows the operator to close the fill opening of the spreader using the tractor hydraulic controls. Includes an air vent to evacuate gases.



Halogen and LED Rear Lights

A broad coverage pattern providing sufficient lumens to work in the dark. The housing for both halogen and LED lights is made of resistant ABS. Available in multiple mounting options.



More Options



LED Rooftop Beacon

This option provides an enhanced visual indication of the presence of a manure spreader. Mounted on the spreader discharge pipe, the amber LED beacon gives a clear indication that slow-moving farm equipment is present.



Electronic Level Indicator

This option provides an enhanced visual indication of the liquid level inside the tank. The electronic level indicator uses a capacitance level measurement that can operate with very thick manure, while not being subject to false readings caused by foam.



Rear level indicator with float

A quick reference to see if the tank is close to full. The indicator rod raises up as the manure reaches the indicator float inside the top of the reservoir.



Mudguards and Fenders

GEA bolted mudguards and fenders keep your equipment cleaner. Made of steel and painted to match the spreader.

The electronic level indicator is mounted on the spreader discharge pipe

The amber LED beacon gives a clear indication to the operator inside the tractor cab that the tank is close to full.





Nursing Kit

This option allows the user to easily transfer manure into another spreader or reception tank. An economical system that saves time!



Recirculation Kit

The recirculation kit helps to keep solids in suspension and reduces build up inside the spreader tank. The agitation inside the tank is done by means of the discharge pump.



Sand Auger

The sand auger helps direct sand in the bottom of the reservoir towards the pump intake. The sand finds its way out with the liquid manure stream which is pumped out of the reservoir. This option works well for sand laden barns.



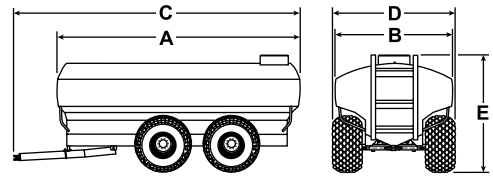
Self-Loading

The self-loading option is designed to pump liquid from another spreader or pit. It is available with or without a primer pump and includes a recirculation kit.

The primer pump is recommended when handling very liquid manure without long fiber.

This option is available on all steerable spreader models and on the EL54 and EL84 spreader models with tandem.

Spreader Models

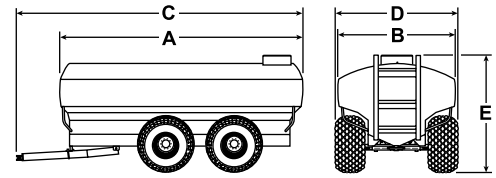


	Model Capacity	Tire Size	Overall dimension ¹				Total weight (lbs) ¹		Load (lbs) ^{1,3}		
			A	B	C	D	E	Net	Full load ²	Axles ²	Draw bar ²
GEA ProManure E2741	EL54 3700 3700 UK gal 4450 US gal	28L x 26	18 ft	86"	24 ft	118"	118"	12150	49110	22323	4465
		725/65 x 26						13379	50339	22881	4576
	EL54 4100 4100 UK gal 5000 US gal	23.1 x 26	20 ft	861"	26 ft	118"	118"	14149	55069	25174	4720
		28L x 26						14479	55399	25325	4748
EL54 4450 4450 UK gal 5350 US gal	28L x 26	22 ft	86"	28 ft	123"	119"	14539	58979	27098	4782	
	725/65 x 26						14769	59209	27204	4801	
EL54 5000 5000 UK gal 6000 US gal	28L x 26	22 ft	86"	28 ft	123"	119"	15309	65249	29979	5290	
	725/65 x 26						15538	65478	30084	5309	
E2742	EL66 3000 3000 UK gal 3600 US gal	23.1 x 26	16 ft	75"	22 ft	118"	114"	10276	40196	18153	3890
E2743	EL84 5000 5000 UK gal 6000 US gal	28L x 26	20 ft	91"	26 ft	147"	119"	14511	64451	29463	5524
		725/65 x 26						14470	64410	29445	5521
GEA ProManure E2754	EL48-4D 3600 3600 UK gal 4300 US gal	23.1 x 26	18 ft	86"	24 ft	123"	119"	12467	48437	22017	4403
		28L x 26						13371	49341	22428	4486
		725/65 x 26						13601	49571	22532	4506
		850/50 x 30.5						14009	49979	22718	4544
	EL48-4D 4000 4000 UK gal 4800 US gal	850/50 x 32	20 ft	86"	26 ft	123"	119"	14154	50124	22784	4557
		23.1 x 26						13077	53117	24282	4553
		28L x 26						13981	54021	24685	4630
		725/65 x 26						14211	54251	24800	4650
	EL48-4D 4400 4400 UK gal 5300 US gal	850/50 x 30.5	22 ft	86"	28 ft	123"	119"	14619	54659	24987	4685
		850/50 x 32						14764	54804	25053	4697
		28L x 26						14591	58591	26920	4751
		725/65 x 26						14821	58821	27026	4769
								15229	59229	27213	4802
								850/50 x 32	15374	59374	27280

¹ Data given for a spreader including wheels, without options nor tool bar.

² Data given for a spreader filled with water.

³ Max loaded up to 7700 lbs, except model EL48-4D, up to 5500 lbs.



Model Capacity	Tire Size	Overall dimension ¹					Total weight (lbs) ¹		Load (lbs) ^{1,3}		
		A	B	C	D	E	Net	Full load ²	Axles ²	Draw bar ²	
GEA ProManure E2756	EL48-6D 4400 4400 UK gal 5300 US gal	23.1 x 26				113"	118"	15567	59567	18246	4830
		28L x 26				123"	119"	16922	60922	18661	4940
		725/65 x 26	22 ft	86"	28 ft	123"	119"	17266	61266	18766	4968
		850/50 x 30.5				137"	122"	18042	62042	19004	5030
	850/50 x 32				138.5"	122"	18259	62259	19070	5048	
	EL48-6D 4800 4800 UK gal 5800 US gal	23.1 x 26				113"	118"	16177	64137	19734	4934
		28L x 26				123"	119"	17532	65492	20151	5038
		725/65 x 26	24 ft	86"	30 ft	123"	119"	17876	65836	20257	5064
		850/50 x 30.5				137"	122"	18652	66612	20496	5124
	850/50 x 32				138.5"	122"	18869	66829	20563	5141	
	EL48-6D 5250 5250 UK gal 6300 US gal	23.1 x 26				113"	118"	17037	69507	21387	5347
		28L x 26				123"	119"	18388	70858	21802	5451
		725/65 x 26	24 ft	98"	30 ft	123"	119"	18071	70541	21705	5426
		850/50 x 30.5				137"	122"	19345	71815	22097	5524
	850/50 x 32				138.5"	122"	19561	72031	22163	5541	
	EL48-6D 5600 5600 UK gal 6700 US gal	23.1 x 26				113"	118"	17397	73497	22790	5128
		28L x 26				123"	119"	18752	74852	23210	5222
		725/65 x 26	28 ft	86"	34 ft	123"	119"	19096	75196	23317	5246
		850/50 x 30.5				137"	122"	19872	75972	23557	5300
	850/50 x 32				138.5"	122"	20089	76189	23624	5316	
EL48-6D 6000 6000 UK gal 7200 US gal	23.1 x 26				113"	118"	18007	78012	24270	5201	
	28L x 26				123"	119"	19362	79367	24692	5291	
	725/65 x 26	30 ft	86"	36 ft	123"	119"	19706	79711	24799	5314	
	850/50 x 30.5				137"	122"	20482	80487	25040	5366	
850/50 x 32				138.5"	122"	20699	80704	25108	5380		
EL48-6D 6100 6100 UK gal 7300 US gal	23.1 x 26				113"	118"	18300	79350	24605	5536	
	28L x 26				123"	119"	19654	80704	25024	5631	
	725/65 x 26	28 ft	98"	34 ft	123"	119"	19998	81048	25131	5655	
	850/50 x 30.5				137"	122"	20608	81658	25320	5697	
850/50 x 32				138.5"	122"	20824	81874	25387	5712		
GEA ProManure E2758	EL48-8D 4832 4832 UK gal 5800 US gal	23.1 x 26	32 ft	86.5"	38 ft	123"	108"	16675	65075	15230	4154
		28L x 26				113"	125"	23671	102651	24025	6552
	EL48-8D 7900 7900 UK gal 9500 US gal	725/65 x 26	32 ft	99"	38 ft	123"	126"	25932	104912	24554	6697
		850/50 x 30.5				137"	129"	26746	105726	24744	6748
		850/50 x 32				138.5"	129"	27035	106015	24812	6767
	EL48-8D 8800 8800 UK gal 10500 US gal	23.1 x 26				113"	125"	22475	110475	25994	6499
		28L x 26				123"	126"	24278	112278	26418	6605
		725/65 x 26	36 ft	99"	42 ft	123"	126"	24736	112736	26526	6632
		850/50 x 30.5				137"	129"	25550	113550	26718	6679
	850/50 x 32				138.5"	129"	25839	113839	26786	6696	



We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

“Engineering for a better world” is the driving and energizing principle connecting GEA’s workforce. As one of the largest systems suppliers, GEA makes an important contribution to a sustainable future with its solutions and services, particularly in the food, beverage and pharmaceutical sectors. Across the globe, GEA’s plants, processes and components contribute significantly to the reduction of CO₂ emissions, plastic use as well as food waste in production.

GEA is listed on the German MDAX and the STOXX® Europe 600 Index and also included in the DAX 50 ESG and MSCI Global Sustainability indexes.

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