

***BATTERY REPLACEMENT
STUDY***

by

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&

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Battery Comments

Gem and Th!nk use the same 12 volt batteries.

Type 31 Lead Acid, 12 volt battery is the physical size needed for the Gem and Th!nk.

Gel cell has about 20% less run time then Wet cell, but twice the recharge cycles.

Allowing the Batteries to go below 11.8 volts can damage the batteries.

Heat kills batteries- “The harder the battery works, the sooner it fails”.

(Quote from Deka Batteries)

Check the battery connections and fluid level of the battery regularly.

SCLH LSV/NEV GROUP
NEV Replacement Batteries (GEM & Think)
As of 7/5/2007

VENDOR	BATTERY BRAND & MODEL NO.	COST Per UNIT	TOTAL COST	MINUTES @ 25 AMP DISCHARGE	INSTALLATION COST
GEM (866-764-0616) 1301 39 St. NW Suite 2 Fargo ND 58102	Trojan Wet Cell 30HXS	6 @ \$199.95	\$1199.60	190	\$230 Labor, Travel, Fuel, & Disposal of Old Batteries
	Deka GEL Cell 831GL	6 @ \$179.50	\$1077.00	225	
Future Ford (916-677-5380) 3020 Taylor Rd. Roseville CA 95678	GEL 2E32-10655-BA (Deka Gel Cell)	6 @ \$184.00	\$1104.00	190	\$269 Labor Cost, Includes Disposal of Old Batteries Est. Tow to Future Ford \$70-\$80 Each Way

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NEV Replacement Batteries (GEM & Think)
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VENDOR	BATTERY BRAND & MODEL NO.	COST Per UNIT	TOTAL COST	MINUTES @ 25 AMP DISCHARGE	INSTALLATION COST
Batteries Plus (916-722-3300)	Deka Gel Cell 8A31DT	6 @ \$189.99	\$1139.94	190	\$75 for GEM \$100 for Think
	Trojan Wet Cell 30XHS	6 @ \$149.99	\$899.94	225	
Cell Energy Inc. (916-484-7974)	Deka Gel Cell 8A31DT	6 @ \$189.95	\$1139.70	190	\$50 Installation & Delivery
	US Battery Wet Cell 31TMX	6 @ \$94.69	\$568.14	227	
Kragen (916-543-0692) 900 Groveland Lincoln	12 Volt Exide Wet Cell	6 @ \$105.00	\$630.00	205	Price Includes Installation
BayLand Battery (916-324-9965) West Sacto	Deka Gel Cell 8G31	6 @ \$177.69	\$1066.14	190	They Do Not Have Facilities for Installation, Prices Include Taking Old Batteries at their West Sacto Facility

Note: Installation Fee Includes Disposal of Old Batteries

SCLH LSV/NEV GROUP
Golf Cart Replacement Batteries
As of 7/5/2007

VENDOR	BATTERY BRAND & MODEL NO.	COST Per UNIT	TOTAL COST	MINUTES @ 25 AMP DISCHARGE	INSTALLATION COST
Batteries Plus (916-722-3300)	(Trojan Wet Cells)				
	8 Volt MIST 875	6 @ \$109.99	\$659.94	295	\$75 for Installation
	6 Volt MIST 105	6 @ \$99.99	\$599.94	447	

Note: Installation Fee Includes Disposal of Old Batteries