Industry Status:
Automotive

1 week 11/29/23 to 12/06/23								
9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
.	.	.	62 AUTO->	62 AUTO->	.	.	.	.
.	.	.	17 Major Mfrs->	17 Major Mfrs->	.	.	.	.
.	.	.	26 Auto Parts->	26 Auto Parts->	.	.	.	.
.	.	.	14 Recreatnl Veh	.	.	.	.	.
.	.	.	.	5 Trucks/Other->	5 Trucks/Other->	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.

December 06, 2023
UP +1 to AVERAGE strength rating
(5th strongest of 9 levels)
previous move was also UP

STLA, TM, RACE Strongest Auto stocks, F in Weakest, FSR -21%/-65% 1/4-weeks

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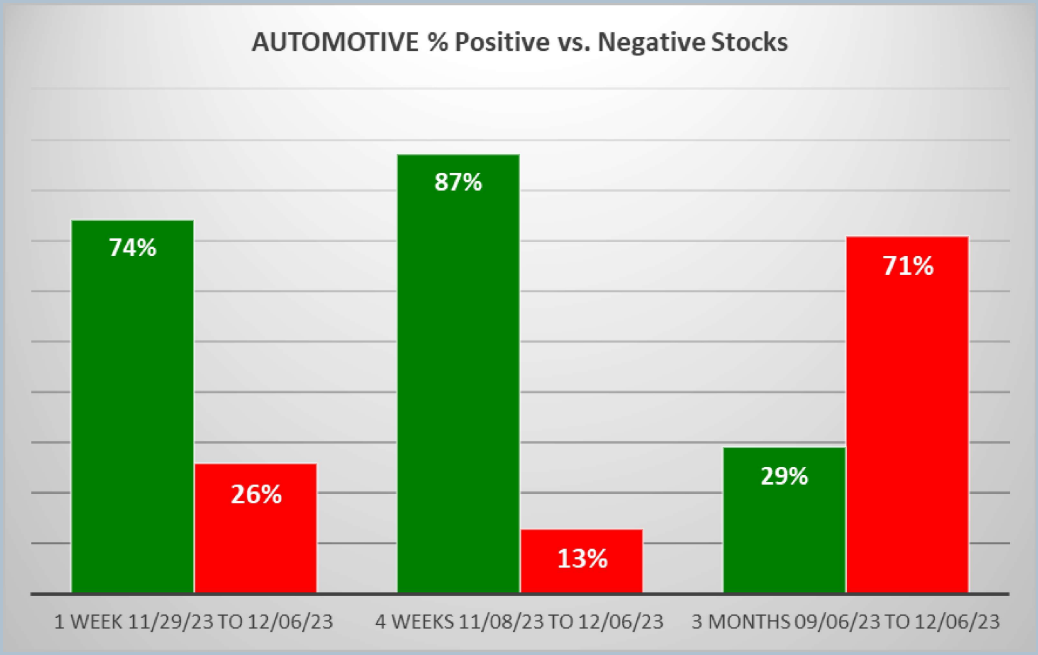
1. INDUSTRY OVERVIEW
1A. Performance

Past 10 Weeks Strengthening/Weakening week-by-week, per the following chart:

9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest	Period
.	.	.	62 AUTO->	62 AUTO->	.	.	.	.	7 Days - 11/29/23 to 12/06/23
.	.	.	62 AUTO	.	.	.	.	.	7 Days - 11/22/23 to 11/29/23
.	.	.	62 AUTO	.	.	.	.	.	7 Days - 11/15/23 to 11/22/23
.	.	.	62 AUTO	.	.	.	.	.	7 Days - 11/08/23 to 11/15/23
.	.	62 AUTO->	62 AUTO->	.	.	.	.	.	7 Days - 11/01/23 to 11/08/23
.	.	62 AUTO	.	.	.	.	.	.	7 Days - 10/25/23 to 11/01/23
.	.	62 AUTO	.	.	.	.	.	.	7 Days - 10/18/23 to 10/25/23
.	.	<-AUTO 62	<-AUTO 62	.	.	.	.	.	7 Days - 10/11/23 to 10/18/23
.	.	.	62 AUTO	.	.	.	.	.	7 Days - 10/04/23 to 10/11/23
.	.	.	62 AUTO	.	.	.	.	.	7 Days - 09/27/23 to 10/04/23

Mixed/WEAKENING 1 Week vs. Mid- and Longer-Term // 1 week positive/negative stocks ratio is LOWER than 4 weeks but HIGHER than 3 Months, per the following chart:



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1B. Background

Largest of 4 sub-industries (62 stocks, average 16):
* Auto Parts (26 stocks)
* Auto Manufacturers - Major (17 stocks)
* Recreational Vehicles (14 stocks)

Top 10 by Market Capitalization:
TSLA/Tesla Inc, TM/Toyota Motor Corporation ADS, RACE/Ferrari NV, STLA/Stellantis N.V., HMC/Honda Motor Co. Ltd. ADS, PCAR/Paccar Inc, GM/General Motors Company, F/Ford Motor Co, LI/Li Auto Inc, JCI/Johnson Controls Inc

2. SUB-INDUSTRIES AND STOCKS DETAIL

2A. Sub-Industries Overview

Strengthened: 3/4 sub-industries
Weakened: 0/4 sub-industries

STRONGEST at Strong rating/4th strongest of 9 levels:
* Trucks & Other Vehicles (5 stocks)

WEAKEST at Weak rating/6th strongest of 9 levels:
* Recreational Vehicles (14 stocks)

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2B. Sub-Industries 10-Week Strengthening Analysis

What: recent week-by-week strength changes for the industry and its sub-industries
Why: objective measurement of strengthening and weakening enabling comparison within and across industries and sub-industries

INDUSTRY CURRENT PERIOD SUMMARY — 1 week 11/29/23 to 12/06/23

Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE	Period 1 of 10 (Current)	62	-21%	1%	12%	Strengthened				62 AUTO->	62 AUTO->				
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 1 of 10 (Current)	17	-21%	-1%	12%	Strengthened				17 Major Mfrs->	17 Major Mfrs->				
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Auto Parts	Period 1 of 10 (Current)	26	-9%	2%	11%	Strengthened				26 Auto Parts->	26 Auto Parts->				
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Recreational Vehicles	Period 1 of 10 (Current)	14	-13%	2%	7%	Strengthened				14 Recreatnl Veh					
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 1 of 10 (Current)	5	2%	4%	11%	Strengthened					5 Trucks/Other->	5 Trucks/Other->			
7 Days - 11/29/23 to 12/06/23	.	Period 1 of 10 (Current)	.	.	.	.	.									
7 Days - 11/29/23 to 12/06/23	.	Period 1 of 10 (Current)	.	.	.	.	.									
7 Days - 11/29/23 to 12/06/23	.	Period 1 of 10 (Current)	.	.	.	.	.									
7 Days - 11/29/23 to 12/06/23	.	Period 1 of 10 (Current)	.	.	.	.	.									
7 Days - 11/29/23 to 12/06/23	.	Period 1 of 10 (Current)	.	.	.	.	.									

PREVIOUS WEEKS (EDUCATIONAL PURPOSES ONLY/NOT A STOCK OR INVESTMENT RECOMMENDATION)

Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE	Period 1 of 10 (Current)	62	-21%	1%	12%	Strengthened				62 AUTO->	62 AUTO->				
7 Days - 11/22/23 to 11/29/23	AUTOMOTIVE	Period 2 of 10	62	-16%	0%	12%	Unchanged				62 AUTO					
7 Days - 11/15/23 to 11/22/23	AUTOMOTIVE	Period 3 of 10	62	-35%	-1%	22%	Unchanged				62 AUTO					
7 Days - 11/08/23 to 11/15/23	AUTOMOTIVE	Period 4 of 10	62	-18%	5%	17%	Strengthened				62 AUTO					
7 Days - 11/01/23 to 11/08/23	AUTOMOTIVE	Period 5 of 10	62	-30%	3%	57%	Strengthened			62 AUTO->	62 AUTO->					
7 Days - 10/25/23 to 11/01/23	AUTOMOTIVE	Period 6 of 10	62	-20%	-2%	12%	Unchanged			62 AUTO						
7 Days - 10/18/23 to 10/25/23	AUTOMOTIVE	Period 7 of 10	62	-15%	-5%	4%	Weakened			62 AUTO						
7 Days - 10/11/23 to 10/18/23	AUTOMOTIVE	Period 8 of 10	62	-19%	-5%	2%	Weakened			<-AUTO 62	<-AUTO 62					
7 Days - 10/04/23 to 10/11/23	AUTOMOTIVE	Period 9 of 10	62	-14%	2%	17%	Strengthened				62 AUTO					
7 Days - 09/27/23 to 10/04/23	AUTOMOTIVE	Period 10 of 10	62	-14%	-1%	9%	Unchanged				62 AUTO					
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 1 of 10 (Current)	17	-21%	-1%	12%	Strengthened				17 Major Mfrs->	17 Major Mfrs->				
7 Days - 11/22/23 to 11/29/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 2 of 10	17	-16%	1%	12%	Strengthened				17 Major Mfrs					
7 Days - 11/15/23 to 11/22/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 3 of 10	17	-35%	-3%	22%	Weakened				17 Major Mfrs					
7 Days - 11/08/23 to 11/15/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 4 of 10	17	-18%	3%	17%	Unchanged				17 Major Mfrs					
7 Days - 11/01/23 to 11/08/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 5 of 10	17	-12%	2%	12%	Strengthened				17 Major Mfrs					
7 Days - 10/25/23 to 11/01/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 6 of 10	17	-14%	-1%	10%	Strengthened				17 Major Mfrs					
7 Days - 10/18/23 to 10/25/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 7 of 10	17	-15%	-5%	4%	Weakened				17 Major Mfrs					
7 Days - 10/11/23 to 10/18/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 8 of 10	17	-19%	-8%	-1%	Weakened				<-Major Mfrs 17	<-Major Mfrs 17				
7 Days - 10/04/23 to 10/11/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 9 of 10	17	-14%	1%	17%	Weakened					17 Major Mfrs				
7 Days - 09/27/23 to 10/04/23	AUTOMOTIVE - Auto Manufacturers - Major	Period 10 of 10	17	-12%	-1%	9%	Strengthened				17 Major Mfrs->	17 Major Mfrs->				
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Auto Parts	Period 1 of 10 (Current)	26	-9%	2%	11%	Strengthened				26 Auto Parts->	26 Auto Parts->				
7 Days - 11/22/23 to 11/29/23	AUTOMOTIVE - Auto Parts	Period 2 of 10	26	-3%	0%	12%	Unchanged				26 Auto Parts					
7 Days - 11/15/23 to 11/22/23	AUTOMOTIVE - Auto Parts	Period 3 of 10	26	-10%	1%	14%	Strengthened				26 Auto Parts					
7 Days - 11/08/23 to 11/15/23	AUTOMOTIVE - Auto Parts	Period 4 of 10	26	-6%	5%	16%	Strengthened			26 Auto Parts->	26 Auto Parts->					
7 Days - 11/01/23 to 11/08/23	AUTOMOTIVE - Auto Parts	Period 5 of 10	26	-14%	5%	57%	Strengthened			26 Auto Parts						
7 Days - 10/25/23 to 11/01/23	AUTOMOTIVE - Auto Parts	Period 6 of 10	26	-26%	-3%	12%	Unchanged			26 Auto Parts						
7 Days - 10/18/23 to 10/25/23	AUTOMOTIVE - Auto Parts	Period 7 of 10	26	-10%	-3%	4%	Weakened			26 Auto Parts						
7 Days - 10/11/23 to 10/18/23	AUTOMOTIVE - Auto Parts	Period 8 of 10	26	-19%	-5%	2%	Weakened			<-Auto Parts 26	<-Auto Parts 26					
7 Days - 10/04/23 to 10/11/23	AUTOMOTIVE - Auto Parts	Period 9 of 10	26	-2%	3%	12%	Strengthened			26 Auto Parts->	26 Auto Parts->					
7 Days - 09/27/23 to 10/04/23	AUTOMOTIVE - Auto Parts	Period 10 of 10	26	-14%	-2%	5%	Weakened			<-Auto Parts 26	<-Auto Parts 26					
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Recreational Vehicles	Period 1 of 10 (Current)	14	-13%	2%	7%	Strengthened				14 Recreatnl Veh					
7 Days - 11/22/23 to 11/29/23	AUTOMOTIVE - Recreational Vehicles	Period 2 of 10	14	-4%	-1%	4%	Unchanged				14 Recreatnl Veh					
7 Days - 11/15/23 to 11/22/23	AUTOMOTIVE - Recreational Vehicles	Period 3 of 10	14	-6%	-2%	1%	Weakened				14 Recreatnl Veh					
7 Days - 11/08/23 to 11/15/23	AUTOMOTIVE - Recreational Vehicles	Period 4 of 10	14	2%	8%	13%	Strengthened			14 Recreatnl Veh->	14 Recreatnl Veh->					
7 Days - 11/01/23 to 11/08/23	AUTOMOTIVE - Recreational Vehicles	Period 5 of 10	14	-30%	0%	10%	Strengthened			14 Recreatnl Veh						
7 Days - 10/25/23 to 11/01/23	AUTOMOTIVE - Recreational Vehicles	Period 6 of 10	14	-16%	-2%	4%	Weakened			14 Recreatnl Veh						
7 Days - 10/18/23 to 10/25/23	AUTOMOTIVE - Recreational Vehicles	Period 7 of 10	14	-15%	-6%	1%	Weakened			14 Recreatnl Veh						
7 Days - 10/11/23 to 10/18/23	AUTOMOTIVE - Recreational Vehicles	Period 8 of 10	14	-11%	-3%	2%	Weakened			<-Recreatnl Veh 14	<-Recreatnl Veh 14					
7 Days - 10/04/23 to 10/11/23	AUTOMOTIVE - Recreational Vehicles	Period 9 of 10	14	-3%	1%	6%	Strengthened				14 Recreatnl Veh					
7 Days - 09/27/23 to 10/04/23	AUTOMOTIVE - Recreational Vehicles	Period 10 of 10	14	-5%	0%	4%	Unchanged				14 Recreatnl Veh					
7 Days - 11/29/23 to 12/06/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 1 of 10 (Current)	5	2%	4%	11%	Strengthened					5 Trucks/Other->	5 Trucks/Other->			
7 Days - 11/22/23 to 11/29/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 2 of 10	5	-1%	0%	2%	Unchanged					5 Trucks/Other				
7 Days - 11/15/23 to 11/22/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 3 of 10	5	-4%	-1%	1%	Strengthened					5 Trucks/Other				
7 Days - 11/08/23 to 11/15/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 4 of 10	5	4%	6%	7%	Strengthened				5 Trucks/Other->	5 Trucks/Other->				
7 Days - 11/01/23 to 11/08/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 5 of 10	5	-3%	1%	5%	Strengthened			5 Trucks/Other->	5 Trucks/Other->					
7 Days - 10/25/23 to 11/01/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 6 of 10	5	-3%	1%	5%	Strengthened			5 Trucks/Other						
7 Days - 10/18/23 to 10/25/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 7 of 10	5	-13%	-5%	1%	Weakened			<-Trucks/Other 5	<-Trucks/Other 5					
7 Days - 10/11/23 to 10/18/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 8 of 10	5	-9%	-5%	-3%	Weakened				<-Trucks/Other 5	<-Trucks/Other 5				
7 Days - 10/04/23 to 10/11/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 9 of 10	5	0%	2%	4%	Unchanged					5 Trucks/Other				
7 Days - 09/27/23 to 10/04/23	AUTOMOTIVE - Trucks & Other Vehicles	Period 10 of 10	5	-3%	0%	2%	Strengthened				5 Trucks/Other->	5 Trucks/Other->				

Green Highlight: Strengthened
Red Highlight: Weakened
No Highlight: Unchanged

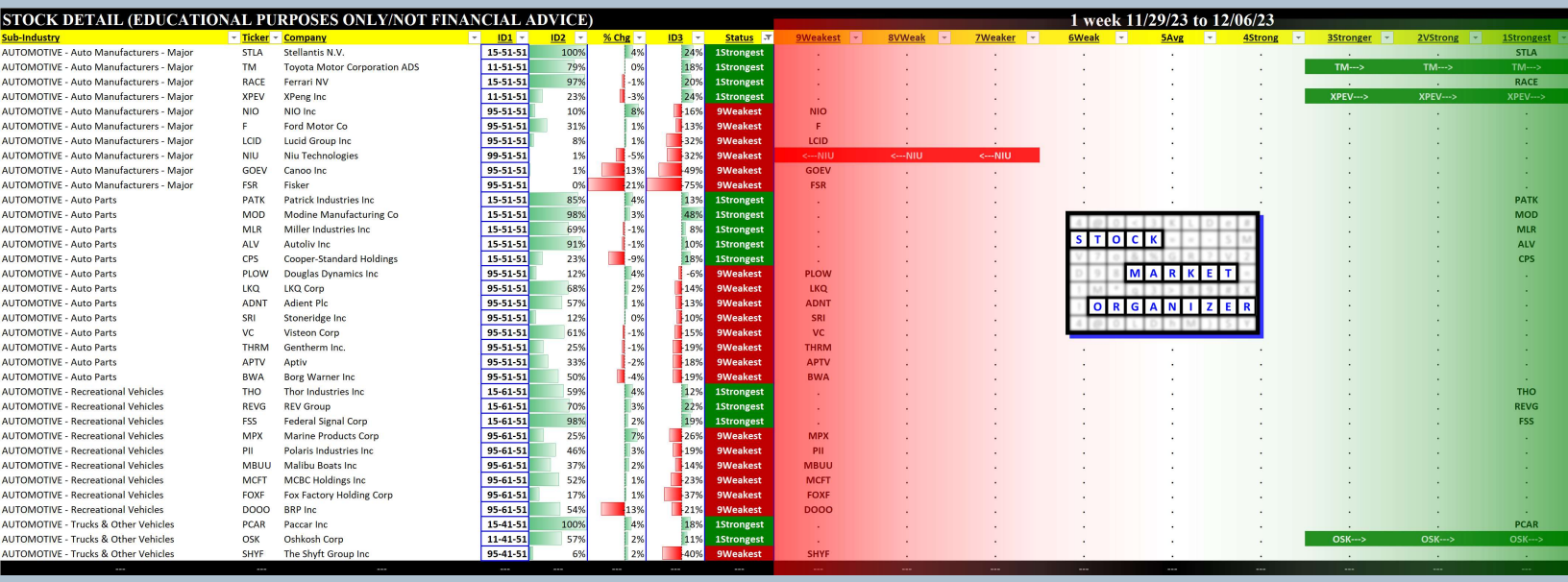
For educational purposes only. Not a stock or investment recommendation.

2C. Stocks 1 Week Strongest and Weakest

What: stocks currently rated Strongest/Weakest (highest/lowest of 9 strength ratings)
Why: most interesting stocks for available capital because

- the Strongest have the least amount of overhead supply to dampen breakouts while
- the Weakest may be prone to volatility, subject to big pops from bottom-fishing and short-covering BUT ALSO to bigger and faster falls.

(Not guaranteed and not a recommendation - weak stocks in weakening sub-industries may be better shorts than high-flyers.)



STOCK DETAIL (EDUCATIONAL PURPOSES ONLY/NOT FINANCIAL ADVICE) — 1 week 11/29/23 to 12/06/23

Sub-Industry	Ticker	Company	ID1	ID2	% Chg	ID3	Status	9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
AUTOMOTIVE - Auto Manufacturers - Major	STLA	Stellantis N.V.	15-51-51	100%	4%	24%	1Strongest									STLA
AUTOMOTIVE - Auto Manufacturers - Major	TM	Toyota Motor Corporation ADS	11-51-51	79%	0%	18%	1Strongest							TM--->	TM--->	TM--->
AUTOMOTIVE - Auto Manufacturers - Major	RACE	Ferrari NV	15-51-51	97%	-1%	20%	1Strongest									RACE
AUTOMOTIVE - Auto Manufacturers - Major	XPEV	XPeng Inc	11-51-51	23%	-3%	24%	1Strongest							XPEV--->	XPEV--->	XPEV--->
AUTOMOTIVE - Auto Manufacturers - Major	NIO	NIO Inc	95-51-51	10%	8%	-16%	9Weakest	NIO								
AUTOMOTIVE - Auto Manufacturers - Major	F	Ford Motor Co	95-51-51	31%	1%	-13%	9Weakest	F								
AUTOMOTIVE - Auto Manufacturers - Major	LCID	Lucid Group Inc	95-51-51	8%	1%	-32%	9Weakest	LCID								
AUTOMOTIVE - Auto Manufacturers - Major	NIU	Niu Technologies	99-51-51	1%	-5%	-32%	9Weakest	<---NIU	<---NIU	<---NIU						
AUTOMOTIVE - Auto Manufacturers - Major	GOEV	Canoo Inc	95-51-51	1%	-13%	-49%	9Weakest	GOEV								
AUTOMOTIVE - Auto Manufacturers - Major	FSR	Fisker	95-51-51	0%	-21%	-75%	9Weakest	FSR								
AUTOMOTIVE - Auto Parts	PATK	Patrick Industries Inc	15-51-51	85%	4%	-13%	1Strongest									PATK
AUTOMOTIVE - Auto Parts	MOD	Modine Manufacturing Co	15-51-51	98%	3%	-48%	1Strongest									MOD
AUTOMOTIVE - Auto Parts	MLR	Miller Industries Inc	15-51-51	69%	-1%	-8%	1Strongest									MLR
AUTOMOTIVE - Auto Parts	ALV	Autoliv Inc	15-51-51	91%	-1%	-10%	1Strongest									ALV
AUTOMOTIVE - Auto Parts	CPS	Cooper-Standard Holdings	15-51-51	23%	-9%	-18%	1Strongest									CPS
AUTOMOTIVE - Auto Parts	PLOW	Douglas Dynamics Inc	95-51-51	12%	4%	-6%	9Weakest	PLOW								
AUTOMOTIVE - Auto Parts	LKQ	LKQ Corp	95-51-51	68%	2%	-14%	9Weakest	LKQ								
AUTOMOTIVE - Auto Parts	ADNT	Adient Plc	95-51-51	57%	1%	-13%	9Weakest	ADNT								
AUTOMOTIVE - Auto Parts	SRI	Stoneridge Inc	95-51-51	12%	0%	-10%	9Weakest	SRI								
AUTOMOTIVE - Auto Parts	VC	Visteon Corp	95-51-51	61%	-1%	-15%	9Weakest	VC								
AUTOMOTIVE - Auto Parts	THRM	Gentherm Inc.	95-51-51	25%	-1%	-19%	9Weakest	THRM								
AUTOMOTIVE - Auto Parts	APTV	Aptiv	95-51-51	33%	-2%	-18%	9Weakest	APTV								
AUTOMOTIVE - Auto Parts	BWA	Borg Warner Inc	95-51-51	50%	-4%	-19%	9Weakest	BWA								
AUTOMOTIVE - Recreational Vehicles	THO	Thor Industries Inc	15-61-51	59%	4%	-12%	1Strongest									THO
AUTOMOTIVE - Recreational Vehicles	REVG	REV Group	15-61-51	70%	3%	-22%	1Strongest									REVG
AUTOMOTIVE - Recreational Vehicles	FSS	Federal Signal Corp	15-61-51	98%	2%	-19%	1Strongest									FSS
AUTOMOTIVE - Recreational Vehicles	MPX	Marine Products Corp	95-61-51	25%	7%	-26%	9Weakest	MPX								
AUTOMOTIVE - Recreational Vehicles	PII	Polaris Industries Inc	95-61-51	46%	3%	-19%	9Weakest	PII								
AUTOMOTIVE - Recreational Vehicles	MBUU	Malibu Boats Inc	95-61-51	37%	2%	-14%	9Weakest	MBUU								
AUTOMOTIVE - Recreational Vehicles	MCFT	MCBC Holdings Inc	95-61-51	52%	1%	-23%	9Weakest	MCFT								
AUTOMOTIVE - Recreational Vehicles	FOXF	Fox Factory Holding Corp	95-61-51	17%	1%	-37%	9Weakest	FOXF								
AUTOMOTIVE - Recreational Vehicles	DOOO	BRP Inc	95-61-51	54%	-13%	-21%	9Weakest	DOOO								
AUTOMOTIVE - Trucks & Other Vehicles	PCAR	Paccar Inc	15-41-51	100%	4%	-18%	1Strongest									PCAR
AUTOMOTIVE - Trucks & Other Vehicles	OSK	Oshkosh Corp	11-41-51	57%	2%	-11%	1Strongest							OSK--->	OSK--->	OSK--->
AUTOMOTIVE - Trucks & Other Vehicles	SHYF	The Shyft Group Inc	95-41-51	6%	2%	-40%	9Weakest	SHYF								

Strongest to Weakest stocks ratio is 14:21 (23% and 34% of total) 11/29/23 to 12/06/23.

Green Highlight: Strengthened
Red Highlight: Weakened
No Highlight: Unchanged

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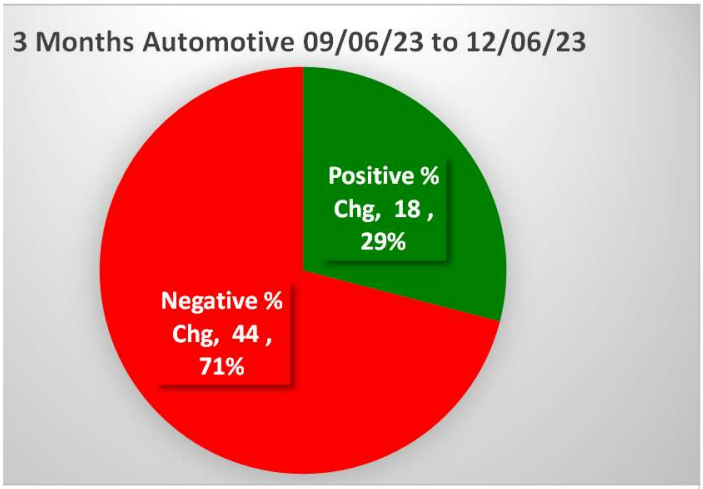
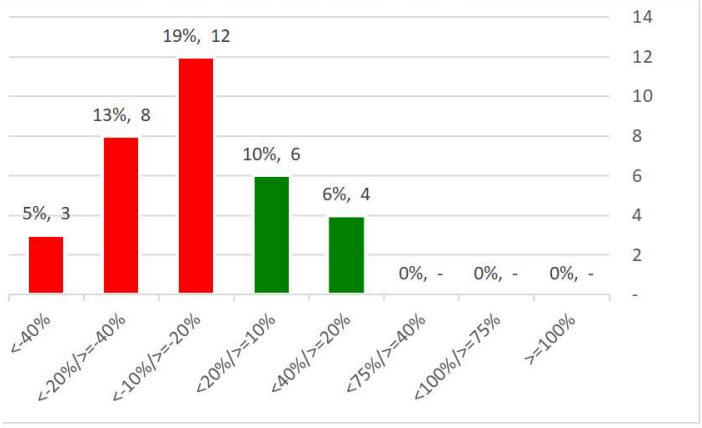
3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)
3A. Lookback 3 Months





Tick	Be	E	% C	Company	Sub-Industry
STLA	09/06/23	12/06/23	24%	Stellantis N.V.	AUTOMOTIVE - Auto Manufacturers - Major
REVG	09/06/23	12/06/23	22%	REV Group	AUTOMOTIVE - Recreational Vehicles
MPAA	09/06/23	12/06/23	22%	Motorcar Parts of America Inc.	AUTOMOTIVE - Auto Parts
FSS	09/06/23	12/06/23	21%	Federal Signal Corp	AUTOMOTIVE - Recreational Vehicles
THRM	09/06/23	12/06/23	-20%	Gentherm Inc.	AUTOMOTIVE - Auto Parts
APTV	09/06/23	12/06/23	-21%	Aptiv	AUTOMOTIVE - Auto Parts
MPX	09/06/23	12/06/23	-24%	Marine Products Corp	AUTOMOTIVE - Recreational Vehicles
NIU	09/06/23	12/06/23	-26%	Niu Technologies	AUTOMOTIVE - Auto Manufacturers - Major
NIO	09/06/23	12/06/23	-27%	NIO Inc	AUTOMOTIVE - Auto Manufacturers - Major
LCID	09/06/23	12/06/23	-28%	Lucid Group Inc	AUTOMOTIVE - Auto Manufacturers - Major
SHYF	09/06/23	12/06/23	-30%	The Shyft Group Inc	AUTOMOTIVE - Trucks & Other Vehicles
WKHS	09/06/23	12/06/23	-38%	Workhorse Group Inc	AUTOMOTIVE - Auto Manufacturers - Major
FOXF	09/06/23	12/06/23	-41%	Fox Factory Holding Corp	AUTOMOTIVE - Recreational Vehicles
GOEV	09/06/23	12/06/23	-52%	Canoo Inc	AUTOMOTIVE - Auto Manufacturers - Major
FSR	09/06/23	12/06/23	-77%	Fisker	AUTOMOTIVE - Auto Manufacturers - Major

4 stocks >+20% and 11 stocks <-20% (6% and 18% of total) 09/06/23 to 12/06/23.

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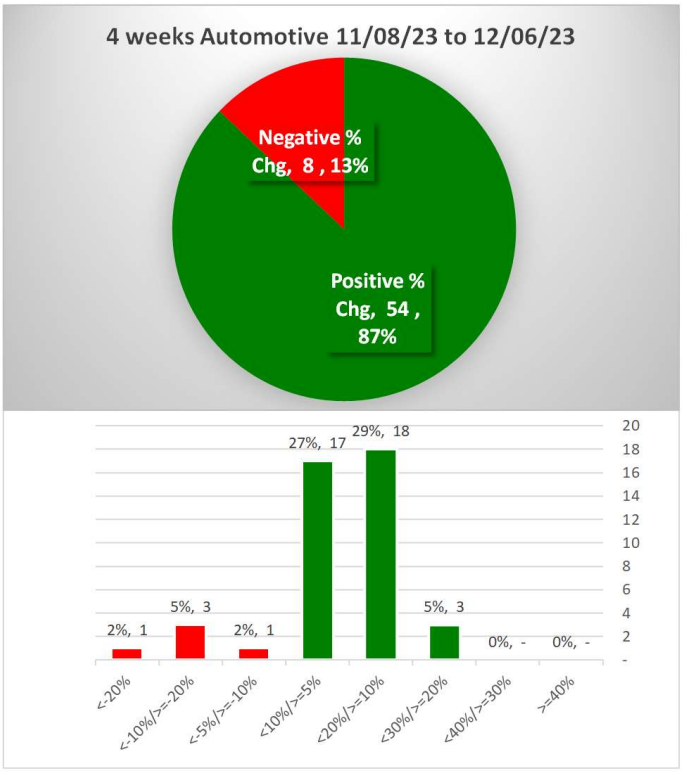
3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)
3B. Lookback 4 Weeks

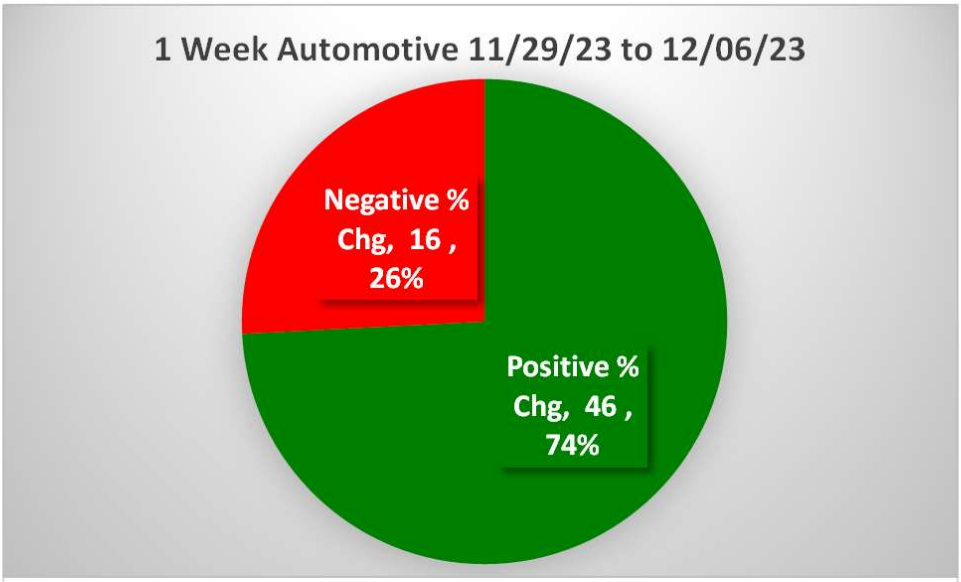


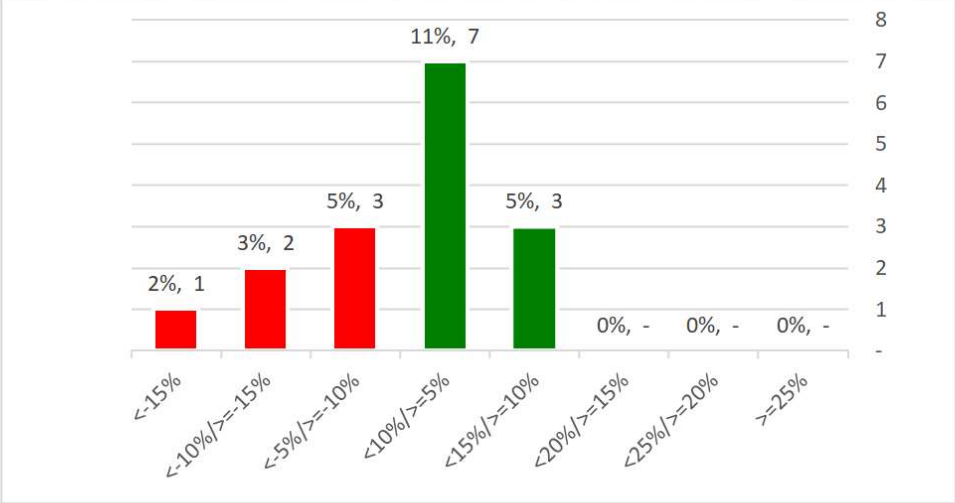
Tick	Be	B	% C	Company	Sub-Industry
MOD	11/08/23	12/06/23	22%	Modine Manufacturing Co	AUTOMOTIVE - Auto Parts
MPAA	11/08/23	12/06/23	21%	Motorcar Parts of America Inc.	AUTOMOTIVE - Auto Parts
QS	11/08/23	12/06/23	21%	QuantumScape	AUTOMOTIVE - Auto Parts
GM	11/08/23	12/06/23	19%	General Motors Company	AUTOMOTIVE - Auto Manufacturers - Major
CWH	11/08/23	12/06/23	18%	Camping World Holdings	AUTOMOTIVE - Recreational Vehicles
GOEV	11/08/23	12/06/23	17%	Canoo Inc	AUTOMOTIVE - Auto Manufacturers - Major
STLA	11/08/23	12/06/23	16%	Stellantis N.V.	AUTOMOTIVE - Auto Manufacturers - Major
SUP	11/08/23	12/06/23	15%	Superior Industries International Inc	AUTOMOTIVE - Auto Parts
DAN	11/08/23	12/06/23	15%	Dana Incorporated	AUTOMOTIVE - Auto Parts
WNC	11/08/23	12/06/23	15%	Wabash National Corp	AUTOMOTIVE - Trucks & Other Vehicles
BC	11/08/23	12/06/23	15%	Brunswick Corp	AUTOMOTIVE - Recreational Vehicles
AXL	11/08/23	12/06/23	14%	American Axle & Manufact	AUTOMOTIVE - Auto Parts
THO	11/08/23	12/06/23	14%	Thor Industries Inc	AUTOMOTIVE - Recreational Vehicles
BLBD	11/08/23	12/06/23	14%	Blue Bird Corporation	AUTOMOTIVE - Auto Manufacturers - Major
DORM	11/08/23	12/06/23	14%	Dorman Products Inc	AUTOMOTIVE - Auto Parts
HOG	11/08/23	12/06/23	13%	Harley-Davidson Inc	AUTOMOTIVE - Recreational Vehicles
WGO	11/08/23	12/06/23	13%	Winnebago Industries Inc	AUTOMOTIVE - Recreational Vehicles
HY	11/08/23	12/06/23	12%	Hyster-Yale Materials Handling Inc.	AUTOMOTIVE - Trucks & Other Vehicles
LCID	11/08/23	12/06/23	11%	Lucid Group Inc	AUTOMOTIVE - Auto Manufacturers - Major
MNRO	11/08/23	12/06/23	11%	Monro Inc	AUTOMOTIVE - Auto Parts
PATK	11/08/23	12/06/23	10%	Patrick Industries Inc	AUTOMOTIVE - Auto Parts
CPS	11/08/23	12/06/23	-12%	Cooper-Standard Holdings	AUTOMOTIVE - Auto Parts
DOOO	11/08/23	12/06/23	-14%	BRP Inc	AUTOMOTIVE - Recreational Vehicles
KNDI	11/08/23	12/06/23	-20%	Kandi Tech Corp	AUTOMOTIVE - Auto Manufacturers - Major
FSR	11/08/23	12/06/23	-65%	Fisker	AUTOMOTIVE - Auto Manufacturers - Major

21 stocks >+10% and 4 stocks <-10% (34% and 6% of total) 11/08/23 to 12/06/23.

For educational purposes only. Not a stock or investment recommendation.

3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)
3C. Lookback 1 Week





Tick	Be	E	% C	Company	Sub-Industry
BLBD	11/29/23	12/06/23	12%	Blue Bird Corporation	AUTOMOTIVE - Auto Manufacturers - Major
WNC	11/29/23	12/06/23	11%	Wabash National Corp	AUTOMOTIVE - Trucks & Other Vehicles
SUP	11/29/23	12/06/23	11%	Superior Industries International Inc	AUTOMOTIVE - Auto Parts
GOEV	11/29/23	12/06/23	-13%	Canoo Inc	AUTOMOTIVE - Auto Manufacturers - Major
DOOO	11/29/23	12/06/23	-13%	BRP Inc	AUTOMOTIVE - Recreational Vehicles
FSR	11/29/23	12/06/23	-21%	Fisker	AUTOMOTIVE - Auto Manufacturers - Major

3 stocks >+10% and 3 stocks <-10% (5% and 5% of total) 11/29/23 to 12/06/23.

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