

3 April 2019

Auto & Auto Parts | Auto

BYD (1211 HK)

Neutral (Maintained)

A Tough Year Ahead

Target Price (Return) HKD44.50 (-10%)
 Price: HKD49.40
 Market Cap: USD20,514m
 Avg Daily Turnover (HKD/USD) 312m/40m

- **Stay NEUTRAL with a new HKD44.50 TP from HKD46.20, 10% downside.** Prefer Geely (175 HK, BUY, TP: HKD15.86). While BYD may continue to lead China's new energy vehicle (NEV) market, it will suffer from continued subsidy cuts in the electrical vehicle (EV) segment, as seen in 2019's EV subsidy cut. As such, we expect topline to rise while bottomline growth drops from FY20F onwards. We cut our earnings and use a rough 3-year P/E average (36x 2019F) – we deem this reasonable, given BYD's leading EV market position.

- **Topline growth driven by EV sales.** Following an update from management at a recent analysts briefing, BYD believes EV sales volume may still see 100% YoY growth in 2019 to 450,000 units. This is driven by new models and continuous EV market expansion, as well as the firm's leadership position in China's EV market. In 2019, the electric bus segment should see flat growth (12,690 units – mainly the K8) while electric special purpose vehicles ought to see 4,000-5,000 units sold (-44% YoY). The total subsidy on all EVs is estimated at CNY10bn – flat vis-à-vis 2018. On a per vehicle level, the drop is c.50% for both commercial and passenger vehicles. The impact on the former may drive down electric bus sales to 0% YoY in 2019. As such, we estimate BYD's total topline growth YoY in 2019-2020 at +36.3% and +31.5%.

- **Profitability reliant on management's efforts.** Although EV subsidies are being phased out gradually until 2021, we believe the EV segment could be profitable over the next two years, taking into consideration the economies of scale improvements and squeeze in S&A expenses. Upgraded new models may also increase ASP without a rise in costs. BYD may launch four new upgraded EV models this year: *Qin Pro DM*, *Song DM*, *Yuan EV360*, and *Tang DM*.

Analyst

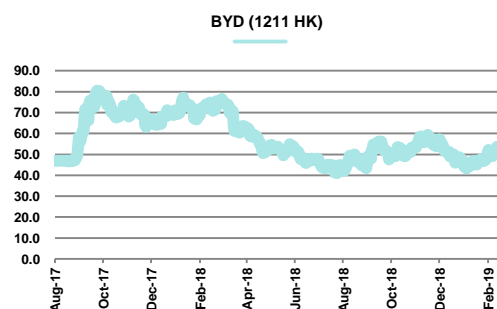
Zhuang Dan
 +852 9280 9414
zhuang.dan@rhbgroup.com



Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	(1.10)	(1.89)	3.46	(7.75)	(19.28)
Relative	(15.72)	(4.71)	(14.43)	(16.96)	(17.72)
52-wk Price low/high (HKD)	39.9 – 65.1				

BYD's price chart



Source: Bloomberg

Forecasts and Valuations	Dec-17	Dec 18F	Dec 19F	Dec 20F	Dec 21F
Total turnover (CNYm)	102,651	121,791	166,017	218,349	248,772
Reported net profit (CNYm)	4,066	2,780	3,309	3,756	3,943
Recurring net profit (CNYm)	4,066	2,780	3,309	3,756	3,943
Recurring net profit growth (%)	-19	-32	19	14	5
Recurring EPS (CNY)	1.4	0.9	1.1	1.3	1.4
DPS (CNY)	0.1	0.2	0.1	0.1	0.1
Recurring P/E (x)	31.3	47.1	39.0	34.0	32.3
P/B (x)	2.0	2.0	1.9	1.7	1.6
Dividend Yield (%)	0.3	0.5	0.3	0.3	0.3
Return on average equity (%)	7	4	5	5	5
Net debt to equity (%)	86	94	136	149	156

Source: Company data, RHB

3 April 2019

Auto & Auto Parts | Auto

Figure 1: Forecast changes

(HKDm)	FY19F			FY20F			FY21F		
	Original	New	chg (%)	Original	New	chg (%)	Original	New	chg (%)
Revenue	170,919	166,017	(2.9%)	211,996.0	218,349	3.0%		248,772	
Cost of goods sold	146,169	142,741.7	(2.3%)	182,335.0	188,892	3.6%		215,885	
Gross Profit	24,749	23,275.2	(6.0%)	29,661.0	29,457	(0.7%)		32,887	
Opex	(16,258)	(14,831.9)	(8.8%)	(20,180.0)	(20,061)	(0.6%)		(22,824)	
Interest expense - net	(3,145)	(3,085)	(1.9%)	(3,461)	(3,381)	(2.3%)		(3,702)	
JV & associates	(225)	(225)	(0.1%)	(225.0)	(225)	(0.1%)		(225)	
Profit before tax	5,121	5,134	0.3%	5,794.7	5,790.5	(0.1%)		6,136	
Taxation	(515)	(971)	88.5%	(583.0)	(1,095)	87.8%		(1,161)	
Minority intrestests	(936)	(853.6)	(8.8%)	(1,029.0)	(939)	(8.8%)		(1,033)	
Reported net profit	3,671	3,309.4	(9.8%)	4,183.0	3,756	(10.2%)		3,943	
Recurring net profit	3,671	3,309.4	(9.8%)	4,183.0	3,756	(10.2%)		3,943	
Gross profit margin (%)	14.5%	14.0%	(0.5%)	14.0%	13.5%	(0.5%)		13.2%	
Reported net profit margin (%)	2.1%	2.0%	(0.2%)	2.0%	1.7%	(0.3%)		1.6%	
Recurring net profit margin (%)	2.1%	2.0%	(0.2%)	2.0%	1.7%	(0.3%)		1.6%	

Source: Company data, RHB

3 April 2019

Auto & Auto Parts | Auto

Figure 2: Peer comparison table I

Company	Ticker	Price	Mkt cap (USDm)	3-mth avg t/o (USDm)	P/E Hist (x)	P/E FY1 (x)	P/E FY2 (x)	EPS FY1 YoY%	EPS FY2 YoY%	3-Yr EPS CAGR (%)	PEG (x)	Div yld Hist (%)	Div yld FY1 (%)	P/BV Hist (x)	P/BV FY1 (x)
BYD CO LTD-H	1211 HK	49.40	20,506	39.7	22.6	30.2	45.0	(25.3)	(32.9)	(10.5)	N/A	0.3	0.3	2.2	1.9
HSI		28,164			10.7	11.4	10.3	(6.2)	11.0	4.6	2.5	3.8	3.6	1.3	1.3
CSI300		3,351			12.4	11.3	9.8	9.3	15.3	13.3	0.9	2.4	2.7	1.6	1.5
Sector avg (Auto)					10.4	10.2	9.5	7.2	11.7	6.0	2.6	3.8	4.0	1.6	1.4
Chinese OEMs															
GEELY AUTOMOBILE	175 HK	15.82	18,117	128.5	26.9	11.4	9.5	136.8	20.3	47.6	0.2	1.8	1.8	2.7	3.5
GREAT WALL MOT-H	2333 HK	6.06	10,068	28.6	4.5	9.4	9.1	(52.4)	3.6	(16.5)	N/A	3.5	3.3	0.9	1.0
DONGFENG MOTOR-H	489 HK	8.35	9,165	8.9	4.7	4.6	4.5	4.3	1.1	1.5	3.0	4.9	4.3	0.5	0.5
GUANGZHOU AUTO-H	2238 HK	8.66	16,028	39.5	6.9	6.1	5.5	14.3	9.9	7.2	0.8	5.7	5.5	1.0	0.9
BRILLIANCE CHINA	1114 HK	7.92	5,090	19.9	5.9	4.7	4.2	24.1	13.8	14.0	0.3	1.4	2.0	1.1	0.9
BAIC MOTOR-H	1958 HK	5.24	5,350	7.4	8.2	6.1	5.6	34.2	8.3	13.4	0.5	2.3	5.5	0.7	0.7
GREAT WALL MO-A	601633 CH	8.56	10,068	25.9	15.0	13.9	12.5	8.4	11.0	8.1	1.7	2.0	2.7	1.5	1.4
GUANGZHOU AUTO-A	601238 CH	11.88	16,028	20.8	11.1	9.5	8.5	17.5	11.8	10.2	0.9	3.4	3.5	1.6	1.4
SAIC MOTOR-A	600104 CH	26.42	45,918	143.6	8.6	8.0	7.5	6.5	6.8	4.8	1.7	6.9	7.1	1.3	1.2
CHONGQING CHAN-A	000625 CH	8.53	5,431	46.1	5.7	23.6	14.8	(75.7)	59.4	(21.5)	N/A	5.2	1.5	0.9	0.8
Average					9.76	9.71	8.16	11.80	14.59	6.87	1.14	3.71	3.71	1.22	1.21
European OEMs															
BAYER MOTOREN WK	BMW GY	71.58	52,104	109.0	6.6	7.2	6.9	(7.7)	3.5	(0.6)	N/A	5.6	5.0	0.8	0.8
DAIMLER AG	DAI GY	55.01	65,855	175.8	8.1	7.2	7.1	12.2	2.0	6.0	1.2	6.6	5.9	0.9	0.8
FIAT CHRYSLER AU	FCA IM	13.75	23,872	120.7	N/A	4.8	4.5	N/A	7.5	N/A	N/A	N/A	7.5	N/A	0.7
PEUGEOT SA	UG FP	23.07	23,358	47.7	7.3	6.3	5.9	15.4	7.3	7.0	0.9	2.3	4.1	1.2	1.1
RENAULT SA	RNO FP	61.39	20,315	64.2	5.0	4.5	4.4	10.6	2.5	5.7	0.8	5.8	5.9	0.5	0.5
VOLKSWAGEN AG	VOW GY	150.40	83,402	15.3	6.4	5.5	5.2	16.6	4.3	7.4	0.7	2.6	4.0	0.7	0.6
VOLKSWAGEN-PREF	VOW3 GY	146.22	83,402	149.1	6.2	5.3	5.1	16.6	4.3	7.4	0.7	2.7	4.1	0.7	0.6
Average					6.60	5.84	5.59	10.59	4.50	5.49	0.87	4.27	5.22	0.81	0.73
US OEMs															
FORD MOTOR CO	F US	8.98	35,807	377.4	9.7	7.5	7.0	27.8	7.3	19.4	0.4	6.7	6.4	1.0	0.9
GENERAL MOTORS C	GM US	37.91	53,433	374.6	6.8	5.8	6.0	16.3	(3.2)	7.5	0.8	4.0	4.0	1.4	1.2
Average					8.20	6.68	6.52	22.07	2.07	13.48	0.58	5.35	5.22	1.18	1.06
European OEMs															
SUBARU CORP	7270 JP	2,622	18,097	73.6	9.1	13.3	8.5	(31.7)	56.8	4.5	3.0	5.5	5.5	1.3	1.3
HONDA MOTOR CO	7267 JP	3,110	50,561	115.0	5.3	7.5	7.3	(29.7)	2.0	(8.5)	N/A	3.6	3.7	0.7	0.7
MAZDA MOTOR	7261 JP	1,291	7,321	40.5	7.1	14.2	9.7	(50.2)	45.5	(6.6)	N/A	2.7	2.7	0.7	0.7
NISSAN MOTOR CO	7201 JP	933	35,332	97.3	4.9	8.0	7.4	(39.1)	7.9	(10.4)	N/A	6.1	6.1	0.7	0.6
SUZUKI MOTOR	7269 JP	4,947	21,804	93.6	10.1	9.6	9.4	5.6	2.3	4.5	2.1	1.5	1.6	1.6	1.5
TOYOTA MOTOR	7203 JP	6,689	195,909	322.4	7.9	9.3	8.0	(14.3)	15.7	1.6	5.8	3.3	3.4	1.0	1.0
Average					7.40	10.31	8.40	(26.55)	21.70	(2.49)	3.62	3.78	3.82	0.99	0.95
Korean OEMs															
HYUNDAI MOTOR	005380 KS	119,000	22,332	62.2	21.1	8.9	7.6	136.2	17.0	38.4	0.2	3.4	3.5	0.4	0.4
KIA MOTORS CORP	000270 KS	35,100	12,496	29.0	12.2	7.7	6.9	57.2	11.7	20.4	0.4	2.6	2.9	0.5	0.5
Average					16.65	8.35	7.29	96.69	14.36	29.39	0.31	2.96	3.21	0.44	0.47
India OEMs															
ASHOK LEYLAND	AL IN	89.6	3,812	34.1	14.9	N/A	N/A	N/A	N/A	N/A	N/A	2.7	2.7	3.5	N/A
BAJAJ AUTO LTD	BJAUT IN	2,853.1	11,972	24.6	19.6	18.4	16.9	6.3	9.2	5.3	3.5	2.1	2.3	4.0	3.7
HERO MOTOCORP LT	HMCL IN	2,570.0	7,443	29.5	13.8	14.8	14.2	(6.6)	4.3	0.5	31.1	3.7	3.8	4.3	3.9
MAHINDRA & MAHIN	MM IN	668.6	12,053	43.3	9.7	14.3	12.1	(32.5)	17.8	(6.9)	N/A	1.1	1.4	2.0	1.9
MARUTI SUZUKI IN	MSIL IN	6,889.7	30,180	88.8	26.4	27.2	23.8	(3.1)	14.3	9.8	2.8	1.2	1.0	4.9	4.4
TATA MOTORS LTD	TTMT IN	203.0	9,220	48.7	7.7	N/A	11.7	N/A	N/A	(1.3)	N/A	N/A	0.6	0.7	0.9
Average		0	0	0	15	19	16	(9)	11	1	12	2.2	2.0	3.2	2.9
Turkish OEMs															
TOFAS	TOASO TI	17.07	1,525	4.2	6.4	5.7	4.8	13.1	17.9	13.9	0.4	10.3	10.1	2.3	2.0
FORD OTO	FROTO TI	48.04	3,008	5.0	10.0	7.9	6.3	26.7	25.5	20.8	0.4	7.5	8.2	4.3	3.7
Average					8.22	6.79	5.56	19.93	21.73	17.36	0.39	8.88	9.11	3.32	2.83
Battery producers peers															
GUOXUAN HIGH-TEC	002074 ch	17.24	2,915	46.5	20.7	22.7	20.8	(8.7)	8.8	3.3	7.0	0.6	0.7	2.3	2.2

3 April 2019

Auto & Auto Parts | Auto

Figure 2: Peer comparison table I (cont'd)

Handset Components peers															
TONGDA GROUP HLD	698 HK	0.89	735	10.0	10.2	6.5	5.4	56.4	20.4	33.4	0.2	6.5	4.5	1.0	0.8
BYD ELECTRONIC	285 HK	10.38	2,979	14.0	9.2	8.1	7.2	13.2	12.6	8.9	0.9	2.7	2.3	1.3	1.1
FIH MOBILE LTD	2038 HK	0.89	931	0.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.4	0.4
AAC TECHNOLOGIES	2018 HK	48.25	7,453	67.3	13.3	14.7	12.6	(9.5)	N/A	2.0	7.4	4.4	2.9	2.7	2.4
SUNNY OPTICAL	2382 HK	97.00	13,554	97.9	36.4	24.9	19.2	46.5	29.6	30.4	0.8	0.8	1.1	9.9	7.3
TRULY INTL HLDGS	732 HK	1.47	616	3.6	62.3	4.7	5.9	1,213.6	(19.4)	140.9	0.0	N/A	3.5	0.6	0.6
Average					26.27	11.78	10.05	264.04	10.82	43.11	1.88	3.59	2.38	2.63	2.08
Railway peers															
CRRC CORP LTD -H	1766 HK	7.28	37,311	23.8	16.0	12.5	10.9	27.4	15.5	16.9	0.7	2.5	3.2	1.4	1.3
ZHUZHOU CRRC T-H	3898 HK	43.70	6,544	13.7	16.9	14.2	12.3	19.1	14.8	13.9	1.0	1.3	1.4	2.2	2.0
CHINA RAIL CN-H	1186 HK	9.78	22,334	18.6	6.6	5.5	5.1	20.1	9.1	13.5	0.4	2.2	2.8	0.8	0.6
CHINA RAIL GR-H	390 HK	6.74	23,989	16.6	7.7	6.7	6.0	15.2	11.8	9.9	0.7	2.0	2.4	0.8	0.7
CHINA COM CONS-H	1800 HK	7.95	26,589	17.3	5.6	4.9	4.6	12.3	6.8	10.5	0.5	3.6	3.9	0.6	0.5
CHINA STATE CONS	3311 HK	7.27	4,676	8.9	8.2	6.2	5.3	30.9	18.5	18.8	0.3	4.8	5.0	1.0	0.8
HOLLYSYS AUTOMAT	HOLI US	21.64	1,314	4.2	12.2	10.5	9.4	17.4	12.0	13.2	0.8	0.8	0.9	1.5	1.4
ALSTOM	ALO FP	39.91	9,984	23.3	18.6	16.7	18.2	11.1	(8.2)	4.5	3.7	0.9	1.2	2.2	2.1
GENERAL ELECTRIC	GE US	10.17	88,621	999.0	N/A	18.4	15.7	N/A	17.0	(170.1)	N/A	2.6	0.4	2.9	2.7
KAWASAKI HVY IND	7012 JP	2,830.00	4,244	21.9	16.3	15.4	10.6	6.1	45.0	20.3	0.8	2.5	2.5	1.0	1.0
SIEMENS AG-REG	SIE GY	99.38	94,525	201.6	14.0	14.3	12.4	(2.1)	15.0	7.2	2.0	3.8	3.9	1.9	1.7
Average					12.20	11.39	10.03	15.76	14.30	(3.78)	1.09	2.45	2.50	1.47	1.34

Note: Prices as at 2 Apr 2019

Source: Bloomberg, RHB

Figure 3: Peer comparison table II

Company	Rev Hist (USDm)	Rev FY1 (USDm)	NP Hist (USDm)	NP FY1 (USDm)	Net gearing Hist (%)	Net gearing FY1 (%)	Unlev beta	Gross margin Hist (%)	Net margin Hist (%)	Net margin FY1 (%)	ROE Hist (%)	ROE FY1 (%)	Sh px 1-mth %	Sh px 3-mth %
BYD CO LTD-H	19,027	15,270	414	542	119	79	0.6	15.0	2.2	3.5	5.0	7.7	(1.9)	3.5
HSI											12.1	11.0	(2.0)	(6.3)
CSI300											13.2	13.3	(4.7)	(10.0)
Sector avg (Auto)	63,174	66,160	3,423	3,478	23.9	16.2	0.9	17.2	10	10	15.5	14.7	(2.2)	11.5
Chinese OEMs														
GEELY AUTOMOBILE	15,857	13,799	1,867	1,582	0	0	1.8	20.2	11.8	11.5	31.6	35.7	2.6	21.9
GREAT WALL MOT-H	14,221	15,050	775	748	16	0	1.0	14.4	5.4	5.0	10.2	10.4	2.0	38.0
DONGFENG MOTOR-H	15,551	15,965	1,931	2,014	14	0	0.7	12.8	12.4	12.6	11.5	10.6	(2.1)	18.1
GUANGZHOU AUTO-H	10,767	11,707	1,621	1,840	0	0	1.3	15.9	15.1	15.7	14.9	15.1	(12.3)	12.3
BRILLIANCE CHINA	651	727	866	1,087	11	6	1.4	6.5	133.0	149.6	20.2	20.2	(1.1)	38.9
BAIC MOTOR-H	22,599	24,679	659	1,052	0	0	1.3	24.4	2.9	4.3	9.9	12.0	2.7	28.4
GREAT WALL MO-A	14,221	16,273	775	865	16	26	0.9	14.4	5.4	5.3	10.2	10.6	4.9	52.6
GUANGZHOU AUTO-A	10,767	12,057	1,621	1,841	0	0	0.8	15.9	15.1	15.3	14.9	14.8	(1.7)	15.6
SAIC MOTOR-A	133,097	144,729	5,357	5,645	4	0	0.8	13.5	4.0	3.9	15.7	15.0	(7.9)	4.7
CHONGQING CHAN-A	11,445	10,605	1,062	269	0	0	N.A	9.8	9.3	2.5	5.3	4.0	(2.5)	28.9
Average	24,918	26,559	1,653	1,694	6	3	1.1	14.8	21.4	22.6	14.5	14.9	(1.5)	25.9
European OEMs														
BAYER MOTOREN WK	87,113	88,695	6,360	5,916	76	19	0.6	19.0	7.3	6.7	12.8	11.1	(4.2)	2.7
DAIMLER AG	149,564	152,896	6,478	7,381	0	0	1.1	19.8	4.3	4.8	11.3	12.2	3.2	21.6
FIAT CHRYSLER AU	98,670	101,832	3,224	4,075	7	0	1.3	13.9	3.3	4.0	15.9	17.2	6.4	9.5
PEUGEOT SA	66,155	68,415	2,526	3,008	0	0	1.1	20.0	3.8	4.4	17.9	18.8	1.1	27.3
RENAULT SA	51,313	51,725	2,951	3,362	0	0	1.1	20.9	5.8	6.5	9.6	10.5	1.2	16.0
VOLKSWAGEN AG	210,768	218,583	10,845	12,587	0	0	1.2	19.7	5.1	5.8	11.7	11.8	(4.4)	10.4
VOLKSWAGEN-PREF	210,768	218,583	10,845	12,587	0	0	1.3	19.7	5.1	5.8	11.7	11.8	(5.2)	7.3
Average	124,907	128,675	6,176	6,988	11.92	2.73	1.11	18.99	5	5	12.97	13.35	(0.26)	13.53
US OEMs														
FORD MOTOR CO	160,338	147,960	3,677	4,464	0	0	0.7	9.1	2.3	3.0	10.3	10.2	2.1	13.6
GENERAL MOTORS C	147,049	146,706	8,014	9,252	0	0	1.0	17.9	5.4	6.3	21.4	22.6	(4.1)	12.7
Average	153,694	147,333	5,846	6,858	0.00	0.00	0.84	13.53	3.87	4.66	15.84	16.37	(1.00)	13.15

3 April 2019

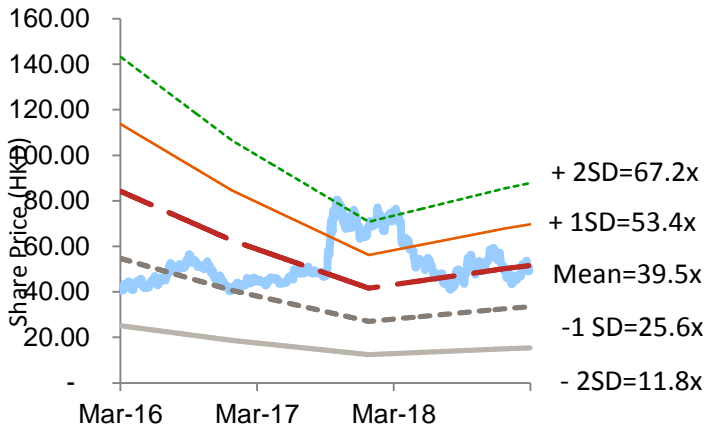
Auto & Auto Parts | Auto

Figure 3: Peer comparison table II (cont'd)

European OEMs														
SUBARU CORP	30,565	28,293	1,978	1,349	0	0	0.7	28.3	6.5	4.8	12.0	9.6	(7.4)	11.1
HONDA MOTOR CO	137,879	142,045	9,508	6,591	56	47	N.A	21.9	6.9	4.6	8.9	9.2	(1.4)	7.4
MAZDA MOTOR	31,182	31,913	1,006	521	0	0	0.9	23.6	3.2	1.6	5.4	4.9	(2.2)	13.7
NISSAN MOTOR CO	107,272	105,255	6,704	4,040	0	0	N.A	17.9	6.2	3.8	9.1	8.6	(3.2)	6.0
SUZUKI MOTOR	33,724	34,810	1,936	2,119	0	0	0.7	29.4	5.7	6.1	17.2	17.2	(13.6)	(11.1)
TOYOTA MOTOR	263,706	268,731	22,386	18,737	68	76	0.5	18.7	8.5	7.0	9.9	10.9	0.0	4.4
Average	100,721	101,841	7,253	5,559	20.75	20.47	0.70	23.29	6.18	4.66	10.43	10.06	(4.63)	5.25
Korean OEMs														
HYUNDAI MOTOR	85,186	88,371	1,327	2,983	63	59	0	15.6	1.6	3.4	1.7	4.8	(5.9)	4.4
KIA MOTORS CORP	47,665	49,231	1,017	1,610	0	0	1	14.8	2.1	3.3	4.3	6.5	(4.0)	7.0
Average	66,425	68,801	1,172	2,297	31.46	29.42	0.50	15.20	1.85	3.32	2.99	5.62	(4.95)	5.70
India OEMs														
ASHOK LEYLAND	4,309	N/A	256	N/A	135	N/A	0.5	N/A	5.9	N/A	25.5	N/A	3.4	(10.4)
BAJAJ AUTO LTD	3,593	4,320	614	652	0	0	0.8	N/A	17.1	15.1	22.2	20.5	(0.4)	6.0
HERO MOTOCORP LT	4,627	5,071	541	520	0	N/A	0.8	N/A	11.7	10.3	33.4	27.9	(3.9)	(15.6)
MAHINDRA & MAHIN	11,911	13,129	1,092	795	74	13	0.8	N/A	9.2	6.1	22.6	14.4	2.9	(9.9)
MARUTI SUZUKI IN	11,363	12,553	1,146	1,116	0	0	1.1	N/A	10.1	8.9	19.8	17.1	(0.7)	(5.2)
TATA MOTORS LTD	41,980	44,919	1,308	(58)	41	81	1.1	N/A	3.1	(0.1)	11.7	(2.5)	12.6	20.4
Average	12,964	15,998	826	605	42	23	1	N/A	10	8	23	15	2	(2)
Turkish OEMs														
TOFAS	3,409	3,762	237	269	82	72	N.A	13.2	7.0	7.2	36.5	35.6	(19.5)	5.6
FORD OTO	5,942	6,928	300	382	79	72	0.5	10.4	5.1	5.5	44.4	48.6	(14.1)	(2.0)
Average	4,675	5,345	269	326	80.79	71.93	0.45	11.78	6.01	6.34	40.43	42.11	(16.80)	1.80
Battery producers peers														
GUOXUAN HIGH-TEC	712	888	125	125	0	0	1	38.5	17.5	14.1	13.0	9.6	0.9	51.2
Handset Components peers														
TONGDA GROUP HLD	1,134	1,278	69	108	57	40	1	20.2	6.1	8.5	9.2	13.8	(2.2)	15.6
BYD ELECTRONIC	6,106	6,510	326	362	0	0	1.9	10.2	5.3	5.6	14.6	13.1	(1.5)	10.4
FIH MOBILE LTD	14,930	16,088	(857)	(351)	0	N/A	N.A	(0.6)	(5.7)	(2.2)	(32.2)	(25.7)	(4.3)	8.5
AAC TECHNOLOGIES	2,697	2,637	565	507	9	7	1.4	37.2	20.9	19.2	20.8	16.1	2.4	11.2
SUNNY OPTICAL	3,858	5,092	371	548	0	0	2	18.9	9.6	10.8	29.8	33.3	2.3	47.3
TRULY INTL HLDGS	2,518	2,937	9	70	68	N/A	0.9	9.8	0.4	2.4	4.1	6.3	3.5	56.4
Average	5,207	5,757	80	207	22.41	11.81	1.37	15.96	6.10	7.37	7.70	9.48	0.04	24.90
Railway peers														
CRRC CORP LTD -H	31,911	37,115	1,682	2,205	0	0	0.7	21.5	5.3	5.9	9.0	11.0	(13.0)	(3.1)
ZHUZHOU CRRC T-H	2,310	2,703	389	463	0	0	0.7	36.9	16.8	17.1	13.9	14.8	(1.7)	(0.1)
CHINA RAIL CN-H	107,896	118,478	2,668	3,072	55	26	0.6	9.2	2.5	2.6	11.3	11.8	(13.1)	(9.4)
CHINA RAIL GR-H	109,291	120,112	2,558	3,060	53	31	0.6	9.5	2.3	2.5	11.7	11.6	(12.7)	(4.1)
CHINA COM CONS-H	72,692	81,840	2,948	3,339	70	78	0.6	13.2	4.1	4.1	10.0	10.6	(5.8)	8.9
CHINA STATE CONS	7,086	8,176	575	739	54	59	0.9	15.6	8.1	9.0	11.8	14.0	(14.5)	21.0
HOLLYSYS AUTOMAT	541	615	107	125	0	0	1.0	38.1	19.8	20.3	14.3	13.9	(3.4)	21.3
ALSTOM	7,105	7,374	424	482	12	0	0.7	15.9	6.0	6.5	21.5	13.3	4.8	12.9
GENERAL ELECTRIC	121,616	114,630	(22,355)	4,605	92	198	N.A	19.1	(18.4)	4.0	(52.4)	11.9	(0.9)	31.5
KAWASAKI HVY IND	14,130	14,586	260	290	78	77	0.8	16.2	1.8	2.0	5.6	6.4	(1.2)	20.3
SIEMENS AG-REG	74,213	77,205	5,189	4,920	43	39	0.9	29.9	7.0	6.4	10.4	11.7	2.5	1.3
Average	49,890	52,985	(505)	2,118	41.46	46.13	0.74	20.46	5.03	7.32	6.09	11.90	(5.37)	9.13

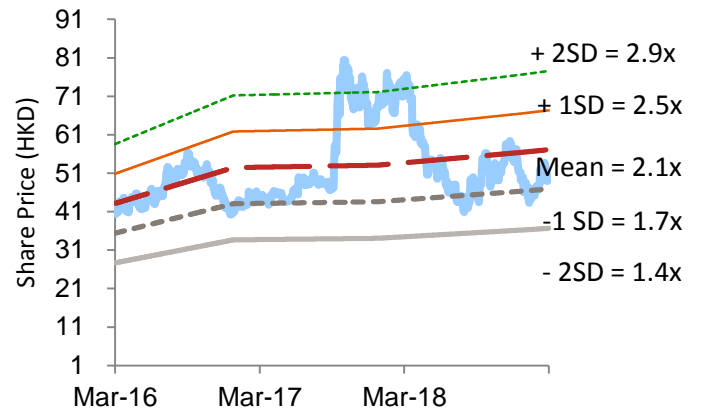
Source: Bloomberg

Figure 4: 3-year forward P/Es



Source: Company data, RHB

Figure 5: 3-year forward P/BVs



Source: Company data, RHB

RHB Guide to Investment Ratings

Buy:	Share price may exceed 10% over the next 12 months
Trading Buy:	Share price may exceed 15% over the next 3 months, however longer-term outlook remains uncertain
Neutral:	Share price may fall within the range of +/- 10% over the next 12 months
Take Profit:	Target price has been attained. Look to accumulate at lower levels
Sell:	Share price may fall by more than 10% over the next 12 months
Not Rated:	Stock is not within regular research coverage

Investment Research Disclaimers

RHB has issued this report for information purposes only. This report is intended for circulation amongst RHB and its affiliates' clients generally or such persons as may be deemed eligible by RHB to receive this report and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. This report is not intended, and should not under any circumstances be construed as, an offer or a solicitation of an offer to buy or sell the securities referred to herein or any related financial instruments.

This report may further consist of, whether in whole or in part, summaries, research, compilations, extracts or analysis that has been prepared by RHB's strategic, joint venture and/or business partners. No representation or warranty (express or implied) is given as to the accuracy or completeness of such information and accordingly investors should make their own informed decisions before relying on the same.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to the applicable laws or regulations. By accepting this report, the recipient hereof (i) represents and warrants that it is lawfully able to receive this document under the laws and regulations of the jurisdiction in which it is located or other applicable laws and (ii) acknowledges and agrees to be bound by the limitations contained herein. Any failure to comply with these limitations may constitute a violation of applicable laws.

All the information contained herein is based upon publicly available information and has been obtained from sources that RHB believes to be reliable and correct at the time of issue of this report. However, such sources have not been independently verified by RHB and/or its affiliates and this report does not purport to contain all information that a prospective investor may require. The opinions expressed herein are RHB's present opinions only and are subject to change without prior notice. RHB is not under any obligation to update or keep current the information and opinions expressed herein or to provide the recipient with access to any additional information. Consequently, RHB does not guarantee, represent or warrant, expressly or impliedly, as to the adequacy, accuracy, reliability, fairness or completeness of the information and opinion contained in this report. Neither RHB (including its officers, directors, associates, connected parties, and/or employees) nor does any of its agents accept any liability for any direct, indirect or consequential losses, loss of profits and/or damages that may arise from the use or reliance of this research report and/or further communications given in relation to this report. Any such responsibility or liability is hereby expressly disclaimed.

Whilst every effort is made to ensure that statement of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable and must not be construed as a representation that the matters referred to therein will occur. Different assumptions by RHB or any other source may yield substantially different results and recommendations contained on one type of research product may differ from recommendations contained in other types of research. The performance of currencies may affect the value of, or income from, the securities or any other financial instruments referenced in this report. Holders of depositary receipts backed by the securities discussed in this report assume currency risk. Past performance is not a guide to future performance. Income from investments may fluctuate. The price or value of the investments to which this report relates, either directly or indirectly, may fall or rise against the interest of investors.

This report does not purport to be comprehensive or to contain all the information that a prospective investor may need in order to make an investment decision. The recipient of this report is making its own independent assessment and decisions regarding any securities or financial instruments referenced herein. Any investment discussed or recommended in this report may be unsuitable for an investor depending on the investor's specific investment objectives and financial position. The material in this report is general information intended for recipients who understand the risks of investing in financial instruments. This report does not take into account whether an investment or course of action and any associated risks are suitable for the recipient. Any recommendations contained in this report must therefore not be relied upon as investment advice based on the recipient's personal circumstances. Investors should make their own independent evaluation of the information contained herein, consider their own investment objective, financial situation and particular needs and seek their own financial, business, legal, tax and other advice regarding the appropriateness of investing in any securities or the investment strategies discussed or recommended in this report.

This report may contain forward-looking statements which are often but not always identified by the use of words such as "believe", "estimate", "intend" and "expect" and statements that an event or result "may", "will" or "might" occur or be achieved and other similar expressions. Such forward-looking statements are based on

assumptions made and information currently available to RHB and are subject to known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement to be materially different from any future results, performance or achievement, expressed or implied by such forward-looking statements. Caution should be taken with respect to such statements and recipients of this report should not place undue reliance on any such forward-looking statements. RHB expressly disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or circumstances after the date of this publication or to reflect the occurrence of unanticipated events.

The use of any website to access this report electronically is done at the recipient's own risk, and it is the recipient's sole responsibility to take precautions to ensure that it is free from viruses or other items of a destructive nature. This report may also provide the addresses of, or contain hyperlinks to, websites. RHB takes no responsibility for the content contained therein. Such addresses or hyperlinks (including addresses or hyperlinks to RHB own website material) are provided solely for the recipient's convenience. The information and the content of the linked site do not in any way form part of this report. Accessing such website or following such link through the report or RHB website shall be at the recipient's own risk.

This report may contain information obtained from third parties. Third party content providers do not guarantee the accuracy, completeness, timeliness or availability of any information and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such content. Third party content providers give no express or implied warranties, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use. Third party content providers shall not be liable for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or profits and opportunity costs) in connection with any use of their content.

The research analysts responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. The research analysts that authored this report are precluded by RHB in all circumstances from trading in the securities or other financial instruments referenced in the report, or from having an interest in the company(ies) that they cover.

RHB and/or its affiliates and/or their directors, officers, associates, connected parties and/or employees, may have, or have had, interests in the securities or qualified holdings, in subject company(ies) mentioned in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities. Further, RHB and/or its affiliates may have, or have had, business relationships with the subject company(ies) mentioned in this report and may from time to time seek to provide investment banking or other services to the subject company(ies) referred to in this research report. As a result, investors should be aware that a conflict of interest may exist.

The contents of this report is strictly confidential and may not be copied, reproduced, published, distributed, transmitted or passed, in whole or in part, to any other person without the prior express written consent of RHB and/or its affiliates. This report has been delivered to RHB and its affiliates' clients for information purposes only and upon the express understanding that such parties will use it only for the purposes set forth above. By electing to view or accepting a copy of this report, the recipients have agreed that they will not print, copy, videotape, record, hyperlink, download, or otherwise attempt to reproduce or re-transmit (in any form including hard copy or electronic distribution format) the contents of this report. RHB and/or its affiliates accepts no liability whatsoever for the actions of third parties in this respect.

The contents of this report are subject to copyright. Please refer to Restrictions on Distribution below for information regarding the distributors of this report. Recipients must not reproduce or disseminate any content or findings of this report without the express permission of RHB and the distributors.

The securities mentioned in this publication may not be eligible for sale in some states or countries or certain categories of investors. The recipient of this report should have regard to the laws of the recipient's place of domicile when contemplating transactions in the securities or other financial instruments referred to herein. The securities discussed in this report may not have been registered in such jurisdiction. Without prejudice to the foregoing, the recipient is to note that additional disclaimers, warnings or qualifications may apply based on geographical location of the person or entity receiving this report.

The term "RHB" shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case, RHB Investment Bank Berhad and its affiliates, subsidiaries and related companies.

RESTRICTIONS ON DISTRIBUTION

Malaysia

This report is issued and distributed in Malaysia by RHB Research Institute Sdn Bhd. The views and opinions in this report are our own as of the date hereof and is subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. RHB Research Institute Sdn Bhd has no obligation to update its opinion or the information in this report.

Thailand

This report is issued and distributed in the Kingdom of Thailand by RHB Securities (Thailand) PCL, a licensed securities company that is authorised by the Ministry of Finance, regulated by the Securities and Exchange Commission of Thailand and is a member of the Stock Exchange of Thailand. The Thai Institute of Directors Association has disclosed the Corporate Governance Report of Thai Listed Companies made pursuant to the policy of the Securities and Exchange Commission of Thailand. RHB Securities (Thailand) PCL does not endorse, confirm nor certify the result of the Corporate Governance Report of Thai Listed Companies.

Indonesia

This report is issued and distributed in Indonesia by PT RHB Sekuritas Indonesia. This research does not constitute an offering document and it should not be construed as an offer of securities in Indonesia. Any securities offered or sold, directly or indirectly, in Indonesia or to any Indonesian citizen or corporation (wherever located) or to any Indonesian resident in a manner which constitutes a public offering under Indonesian laws and regulations must comply with the prevailing Indonesian laws and regulations.

Singapore

This report is issued and distributed in Singapore by RHB Securities Singapore Pte Ltd and it may only be distributed in Singapore to accredited investors, expert investors and institutional investors as defined in the Financial Advisers Regulations and the Securities and Futures Act (Chapter 289), as amended from time to time. By virtue of distribution to these categories of investors, RHB Securities Singapore Pte Ltd and its representatives are not required to comply with Section 36 of the Financial Advisers Act (Chapter 110) (Section 36 relates to disclosure of RHB Securities Singapore Pte Ltd's interest and/or its representative's interest in securities). Recipients of this report in Singapore may contact RHB Securities Singapore Pte Ltd in respect of any matter arising from or in connection with the report.

Hong Kong

This report is issued and distributed in Hong Kong by RHB Securities Hong Kong Limited (興業僑豐證券有限公司) (CE No.: ADU220) ("RHBSHK") which is licensed in Hong Kong by the Securities and Futures Commission for Type 1 (dealing in securities) and Type 4 (advising on securities) regulated activities. Any investors wishing to purchase or otherwise deal in the securities covered in this report should contact RHBSHK. RHBSHK is a wholly owned subsidiary of RHB Hong Kong Limited; for the purposes of disclosure under the Hong Kong jurisdiction herein, please note that RHB Hong Kong Limited with its affiliates (including but not limited to RHBSHK) will collectively be referred to as "RHBHK." RHBHK conducts a full-service, integrated investment banking, asset management, and brokerage business. RHBHK does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this research report. Investors should consider this report as only a single factor in making their investment decision. Importantly, please see the company-specific regulatory disclosures below for compliance with specific rules and regulations under the Hong Kong jurisdiction. Other than company-specific disclosures relating to RHBHK, this research report is based on current public information that we consider reliable, but we do not represent it is accurate or complete, and it should not be relied on as such.

United States

This report was prepared by RHB and is being distributed solely and directly to "major" U.S. institutional investors as defined under, and pursuant to, the requirements of Rule 15a-6 under the U.S. Securities and Exchange Act of 1934, as amended (the "Exchange Act"). Accordingly, access to this report via Bursa Marketplace or any other Electronic Services Provider is not intended for any party other than "major" US institutional investors, nor shall be deemed as solicitation by RHB in any manner. RHB is not registered as a broker-dealer in the United States and does not offer brokerage services to U.S. persons. Any order for the purchase or sale of the securities discussed herein that are listed on Bursa Malaysia Securities Berhad must be placed with and through Auerbach Grayson ("AG"). Any order for the purchase or sale of all other securities discussed herein must be placed with and through such other registered U.S. broker-dealer as appointed by RHB from time to time as required by the Exchange Act Rule 15a-6. This report is confidential and not intended for distribution to, or use by, persons other than the recipient and its employees, agents and advisors, as applicable. Additionally, where research is distributed via Electronic Service Provider, the analysts whose names appear in this report are not registered or qualified as research analysts in the United States and are not associated persons of Auerbach Grayson AG or such other registered U.S. broker-dealer as appointed by RHB from time to time and therefore may not be subject to any applicable restrictions under Financial Industry Regulatory Authority ("FINRA") rules on communications with a subject company, public appearances and personal trading. Investing in any non-U.S. securities or related financial instruments discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the U.S. Securities and Exchange Commission. Information on non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in the United States. The financial instruments discussed in this report may not be suitable for all investors. Transactions in foreign markets may be subject to regulations that differ from or offer less protection than those in the United States.

OWNERSHIP AND MATERIAL CONFLICTS OF INTEREST

Malaysia

RHB does not have qualified shareholding (1% or more) in the subject company (ies) covered in this report except for:

(a) -

RHB and/or its subsidiaries are not liquidity providers or market makers for the subject company (ies) covered in this report except for:

(a) -

RHB and/or its subsidiaries have not participated as a syndicate member in share offerings and/or bond issues in securities covered in this report in the last 12 months except for:

(a) -

RHB has not provided investment banking services to the company/companies covered in this report in the last 12 months except for:

(a) -

Thailand

RHB Securities (Thailand) PCL and/or its directors, officers, associates, connected parties and/or employees, may have, or have had, interests and/or commitments in the securities in subject company(ies) mentioned in this report or any securities related thereto. Further, RHB Securities (Thailand) PCL may have, or have had, business relationships with the subject company(ies) mentioned in this report. As a result, investors should exercise their own judgment carefully before making any investment decisions.

Indonesia

PT RHB Sekuritas Indonesia is not affiliated with the subject company(ies) covered in this report both directly or indirectly as per the definitions of affiliation above. Pursuant to the Capital Market Law (Law Number 8 Year 1995) and the supporting regulations thereof, what constitutes as affiliated parties are as follows:

1. Familial relationship due to marriage or blood up to the second degree, both horizontally or vertically;
2. Affiliation between parties to the employees, Directors or Commissioners of the parties concerned;
3. Affiliation between 2 companies whereby one or more member of the Board of Directors or the Commissioners are the same;
4. Affiliation between the Company and the parties, both directly or indirectly, controlling or being controlled by the Company;
5. Affiliation between 2 companies which are controlled, directly or indirectly, by the same party; or
6. Affiliation between the Company and the main Shareholders.

PT RHB Sekuritas Indonesia is not an insider as defined in the Capital Market Law and the information contained in this report is not considered as insider information prohibited by law. Insider means:

- a. a commissioner, director or employee of an Issuer or Public Company;
- b. a substantial shareholder of an Issuer or Public Company;
- c. an individual, who because of his position or profession, or because of a business relationship with an Issuer or Public Company, has access to inside information; and
- d. an individual who within the last six months was a Person defined in letters a, b or c, above.

Singapore

RHB Securities Singapore Pte Ltd and/or its subsidiaries and/or associated companies do not make a market in any securities covered in this report, except for:

(a) -

The staff of RHB Securities Singapore Pte Ltd and its subsidiaries and/or its associated companies do not serve on any board or trustee positions of any issuer whose securities are covered in this report, except for:

(a) -

RHB Securities Singapore Pte Ltd and/or its subsidiaries and/or its associated companies do not have and have not within the last 12 months had any corporate finance advisory relationship with the issuer of the securities covered in this report or any other relationship (including a shareholding of 1% or more in the securities covered in this report) that may create a potential conflict of interest, except for:

(a) -

Hong Kong

The following disclosures relate to relationships between RHBHK and companies covered by Research Department of RHBSHK and referred to in this research report:

RHBSHK hereby certifies that no part of RHBSHK analyst compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this research report.

RHBHK had an investment banking services client relationships during the past 12 months with: -.

RHBHK has received compensation for investment banking services, during the past 12 months from: -.

RHBHK managed/co-managed public offerings, in the past 12 months for: -.

On a principal basis, RHBHK has a position of over 1% market capitalization of: -.

Additionally, please note the following:

Ownership and material conflicts of interest: RHBSHK policy prohibits its analysts and associates reporting to analysts from owning securities of any company covered by the analyst.

Analyst as officer or director: RHBSHK policy prohibits its analysts, and associates reporting to analysts from serving as an officer, director, advisory board member or employee of any company covered by the analyst.

RHBHK salespeople, traders, and other non-research professionals may provide oral or written market commentary or trading strategies to RHB clients that reflect opinions that are contrary to the opinions expressed in this research report.



KUALA LUMPUR

RHB Research Institute Sdn Bhd
Level 3A, Tower One, RHB Centre
Jalan Tun Razak
Kuala Lumpur 50400
Malaysia
Tel : +603 9280 8888
Fax : +603 9200 2216

JAKARTA

PT RHB Sekuritas Indonesia
Wisma Mulia, 20th Floor
Jl. Jenderal Gatot Subroto No. 42
Jakarta 12710
Indonesia
Tel : +6221 2783 0888
Fax :+6221 2783 0777

HONG KONG

RHB Securities Hong Kong Ltd.
12th Floor, World-Wide House
19 Des Voeux Road
Central
Hong Kong
Tel : +852 2525 1118
Fax : +852 2810 0908

BANGKOK

RHB Securities (Thailand) PCL
10th Floor, Sathorn Square Office Tower
98, North Sathorn Road, Silom
Bangrak, Bangkok 10500
Thailand
Tel: +66 2088 9999
Fax :+66 2088 9799

SINGAPORE

**RHB Securities Singapore
Pte Ltd.**
10 Collyer Quay
#09-08 Ocean Financial Centre
Singapore 049315
Tel : +65 6533 1818
Fax : +65 6532 6211