

# FY2019 1<sup>st</sup> Quarter Financial Results ended June 30, 2018

July 31, 2018 DENSO CORPORATION



FY19     1Q     FY18     1Q     Change       Revenue     1,331.2     1,164.9     +166.2     +14.3%       Operating Profit     (6.8%)     90.9     (8.0%)     93.2     -2.3     -2.4%       Finance income/     100     100     100     100     100     100
Operating Profit     (6.8%)     90.9     (8.0%)     93.2     -2.3     -2.4%
Finance income/
Finance income/
costs & others(*1) <b>18.2</b> 20.6 -2.4
Profit before     (8.2%)     109.1     (9.8%)     113.7     -4.7     -4.1%
Profit (*2)     (5.8%)     77.3     (6.6%)     76.7     +0.6     +0.8%
(Unit:Millions of Units)
Foreign Exchange JPY 109/\$ JPY 111/\$ -2 JPY
Rate JPY 130/Euro JPY 122/Euro +8 JPY
Production Domestic Car JPY 130/Euro JPY 122/Euro +8 JPY   Production 2.25 2.24 +0.01 +0.3%
of Japanese 5.13 4.88 +0.25 +5.1%
(North America) (1.53) (1.56) (-0.04) (-2.4%)

# [Overview of the Consolidated Financial Results]

- 1. Consolidated revenue totaled 1,331.2 billion yen, increased by 166.2 billion yen (+14.3%) from the previous year.
- 2. Consolidated operating profit totaled 90.9 billion yen, decreased by 2.3 billion yen (-2.4%) from the previous year.
- Consolidated profit attributable to owners of the parent company totaled 77.3 billion yen, increased by 0.6 billion yen (+0.8%) from the previous year.



# [Sales by Customer (Quantity Base)]

### Sales to Toyota Group

Sales to the Toyota Group increased by 16.2% from the previous year. The reasons are as follows; 1) Impact of DENSO TEN. 2) The car production increased in China. 2) Vehicle equipped with safety-related products has been increased in Japan.

### Sales to non-Toyota Group companies

Sales to non-Toyota Group companies increased by 11.1% from last year. The reasons of each manufacture are as follows; 1)Honda : Sales expansion of display and transmission related products in North America. Increase of car production in China. 2) Mazda : Increase of car production in Japan. 3) FCA : Increase of car production in North America. 4) General Motors : Improved products mix in North America.



# [Sales by Product (Quantity Base)]

#### **Sales of Thermal Systems Products**

Sales increased in Europe and North America due to the production volume increase.

#### **Sales of Powertrain Systems Products**

Sales increased in Asia and Japan due to the production volume increase.

#### **Sales of Mobility Systems Products**

Sales increased in Japan due to the impact of DENSO TEN which has become a subsidiary as well as the increase in vehicle equipped with safety-related products and sales expansion of display related products in North America.



## [Factors that Contributed to Increases or Decreases in Operating Profit]

### Negative factors

- 1. Expense : -7.5 billion yen / Depreciation: -6.0 billion yen was due to the increase of investment for future competition area.
- 2. Labor cost : -5.5 billion yen was due to wage increase mainly in Japan.
- 3. Others : -8.6 billion yen was due to variance of periods in collecting application fees and this factor will decrease by the end of this fiscal year.

### **Positive factors**

- 1. Production volume increase: +18.0 billion yen was due to production volume increase and sales expansion.
- 2. Variable cost reduction: +8.5 billion yen was due to cost reduction efforts and improved productivity.



## [Revenue and Operating Profit by Each Region\*]

\*Based on Japanese yen



# [Revenue and Operating Profit by Each Region\*]

\*Excluding the effect of foreign exchange

## <u>In Japan</u>

- The revenue increased by 15.3% from the previous year due to a rise in vehicle production and an increase in vehicles equipped with safety-related products, as well as the impact from the newly consolidated subsidiaries, DENSO TEN and TD Mobile.
- 2. Despite a rise in production volume and cost-reduction efforts, an increase in investment for future growth led to a drop in operating profit by an 8.7 percent from the previous year.

# <u>Overseas</u>

- 1. The revenue increased all region due to car production increase and sales expansion.
- 2. Operating profit increased in Europe and Asia due to the increase in production and cost reduction effort. In North America, despite the cost reduction effort, operating profit decreased from the previous year due to the increase in expenses for R&D, variance of periods in collecting application fees and the investments for expanding production capabilities.

			Narch 2018		2Q YTD evised	FY18	2Q YTD		llions of Yen, %) ange
Re	evenue		2,580.0		2,660.0		2,363.5	296.5	+12.5%
Operating Profit		(5.7%)	147.0	(6.1%)	161.0	(8.7%)	204.4	-43.4	-21.3%
	ance income/ ts & others(※1)		23.0		18.0		22.3	-4.3	
Pre	ofit before come Taxes	(6.6%)	170.0	(6.7%)	179.0	(9.6%)	226.8	-47.8	-21.1%
Pr	<b>ofit</b> (※2)	(4.3%)	110.0	(4.5%)	120.0	(6.5%)	154.2	-34.2	-22.2%
								(Unit:	Millions of Units)
	Foreign Exchange	JPY	105/\$	JPY	107/\$	JPY	111/\$	-4 JPY	
Preco	Rate	JPY	130/Euro	JPY	130/Euro	JPY	126/Euro	+4 JPY	
Precondition	Domestic Car Production		4.50		4.57		4.54	+0.03	+0.7%
ß	Overseas Car Production of Japanese Manufacturers		10.34		10.43		9.89	+0.54	+5.5%
	(North America)		(3.01)		(2.91)		(3.01)	(-0.10)	(-3.3%)

# [1st Half Financial Forecast]

Upward revision to the first-half forecast considering the first-quarter financial results.

- 1. We expect revenue of 2,660.0 billion yen.
- 2. We expect operating profit to be 161.0 billion yen.
- 3. We have not revised the foreign exchange rate of the 2<sup>nd</sup> quarter and after which is 105 yen to the U.S. dollar and 130 yen to the euro. We used 107 yen to the U.S. dollar and 130 yen to the euro for the 1<sup>st</sup> half financial forecast.
- 4. We have updated our preconditions of car production based on the current market.

			of March		Y19	Change from	March 2018		(18	Change from I	March 20
			2018	Foi	recast	Amount	Ratio	Ac	tual	Amount	Rati
Re	venue		5,320.0		5,400.0	+80.0	+1.5%		5,108.3	+291.7	+5
Ор	erating Profit	(7.1%)	376.0	(7.2%)	390.0	+14.0	+3.7%	(8.1%)	412.7	-22.7	-5.
	nce income/ ts & others(※1)		39.0		37.0	-2.0			37.2	-0.2	
	ofit before come Taxes	(7.8%)	415.0	(7.9%)	427.0	+12.0	+2.9%	(8.8%)	449.9	-22.9	-5.
Pro	ofit (%2)	(5.5%)	290.0	(5.6%)	303.0	+13.0	+4.5%	(6.3%)	320.6	-17.6	-5
	Foreign Exchange	JPY	105/#	10)/	100/#	+1 JPY		(Unit:Milli JPY	ons of Units)	-5 JPY	
Pre	Rate	JPY	105/\$ 130/Euro		106/\$ 130/Euro	+1 JP1		JPY	111/\$ 130/Euro	-5 JP 1 +0 JPY	
con	Domestic Car Production	JFT	9.51	JPT	130/Euro 9.58	+0.07	+0.7%	JFT	9.37	+0.21	+2
	Overseas Car Production of Japanese Manufacturers		20.87		20.95	+0.08	+0.4%		20.15	+0.80	+4
- 1	(North America)		(6.04)		(5.94)	(-0.10)	(-1.7%)		(6.03)	(-0.09)	(-1.

# [Full year Financial Forecast]

Upward revision to the full year forecast considering the first-quarter financial results.

- 1. We expect revenue of 5,400.0 billion yen.
- 2. We expect operating profit to be 390.0 billion yen.
- 3. We used 106 yen to the U.S. dollar and 130 yen to the euro for the full year financial forecast.
- 4. We have updated our preconditions of car production for the 1<sup>st</sup> half financial forecast based on the current market. However we have not revised it for the 2<sup>nd</sup> half forecast.



## [Factors that Contributed to Increases or Decreases in Full-Year Forecasts for Operating Profit]

### Negative factors

-107.9 billion yen is due to the increase in Depreciation, Labor cost and Expense for investment in future competition area as well as the impact of Currency exchange loss.

#### **Positive factors**

+85.2 billion yen is due to Variable cost reduction and Production volume increase.

As a result, we expect operating profit of the full year to be 390.0 billion yen, 36.7 billion yen decrease from the previous year.







# Pre-Conditions (Foreign Exchange Rate/Car Production)

Foreign Exchange Rate (Yen)     USD     111     109     -2     111     105     107     -4     111     105     105     -6     111     105     106       Foreign Exchange Rate (Yen)     USD     111     109     -2     111     105     107     -4     111     105     105     -6     111     105     106       Foreign Exchange Rate (Yen)     USD     112     130     +8     126     130     130     +4     133     130     130     -3     130					FY:	2019 First-	Half				FY2019 S	econd-Hall			112015	Full Year	
Year     Actual     Change     Prior Year     (Original)     (Revised)     Change     Prior Year     (Drive)				1Q													
Protect market name Rate ("no)     EUR     122     130     126     130     130     +4     133     130     -3     130				Actual	Change	Prior Year			Change	Prior Year			Change	Prior Year			Change
Construction of Pervision of Year Production of Hamiltonia Construction     Description of Lagrange     Descrip	Foreign Exchange	USD	111	109	- 2	111	105	107	- 4	111	105	105	-6	111	105	106	-
Operating Income per Yen (Billions of Yen)     Duestic     2.22     2.25     4.09     4.54     4.50     4.57     + 1%     4.84     5.00     5.00     + 3%     9.37     9.51     9.58     +       Japanese Manufacturers     North     1.56     1.53     - 2%     3.01     3.01     2.91     - 3%     3.02     3.03     + 0%     6.03     6.04     5.94     -	Rate (Yen)	EUR	122	130	+ 8	126	130	130	+4	133	130	130	-3	130	130	130	+
per Yen (Billions of Yen)     EUR     EUR     1.0     1.0     1.0     1.0       Car Production of Japanese Manufacturers     Dormestic     2.24     2.25     + 0%     4.54     4.50     4.84     5.00     5.00     + 3%     9.37     9.51     9.58     +       Japanese Manufacturers     Insertia     1.56     1.53     - 2%     3.01     3.01     2.91     - 3%     3.02     3.03     3.03     + 0%     6.03     6.04     5.94     -		USD											-	2.5	2.5	2.5	0.
North Manufacturers     North America     1.56     1.53     - 2%     3.01     3.01     2.91     - 3%     3.02     3.03     + 0%     6.03     6.04     5.94     -	per Yen	EUR							-					1.0	1.0	1.0	0.
Manufacturers America 1.56 1.53 - 2% 3.01 3.01 2.91 - 3% 3.02 3.03 3.03 + 0% 6.03 6.04 5.94 -		Domestic	2.24	2.25	+ 0%	4.54	4.50	4.57	+ 1%	4.84	5.00	5.00	+ 3%	9.37	9.51	9.58	+ 2%
(Millions of Units)     Overseas     4.88     5.13     + 5%     9.89     10.34     10.43     + 5%     10.26     10.52     10.52     + 3%     20.15     20.87     20.95     +			1.56	1.53	- 2%	3.01	3.01	2.91	- 3%	3.02	3.03	3.03	+ 0%	6.03	6.04	5.94	- 2%
	(Millions of Units)	Overseas	4.88	5.13	+ 5%	9.89	10.34	10.43	+ 5%	10.26	10.52	10.52	+ 3%	20.15	20.87	20.95	+ 49

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	FY19 1Q		FY18	3 1Q	Chan	ge	(L Change excludes FX difference	
	Amount	% to Total	Amount	% to Total	Amount	%	%	
Toyota	559.2	42.0	480.6		78.6	16.4	16.0	
Daihatsu	29.6	2.2	26.6		3.0	11.2	12.3	
Hino	17.3	1.3	13.4		3.9	29.2	29.2	
Toyota Group	606.0	45.5	520.5		85.5	16.4	16.2	
Honda	100.1	7.5	87.3		12.8	14.6	14.5	
FCA	61.4	4.6	57.5		3.9	6.8	7.0	
GM	55.1	4.1	44.4		10.7	24.2	24.4	
Ford	35.8	2.7	38.5		-2.6	-6.9	-6.6	
Hyundai/Kia	34.1	2.6	34.4		-0.2	-0.7	-3.3	
Mazda	32.3	2.4	26.7		5.6	20.9	20.2	
Suzuki	29.3	2.2	28.0		1.3	4.8	6.2	
SUBARU	26.7	2.0	24.0		2.6	10.9	11.3	
Nissan	24.6	1.8	23.4		1.2	5.3	4.5	
VW/AUDI	24.5	1.8	18.8		5.7	30.4	22.9	
Mitsubishi	15.2	1.1	10.8		4.4	40.6	37.8	
Isuzu	14.6	1.1	13.3		1.3	9.6	7.4	
Volvo	11.7	0.9	10.0		1.6	16.5	10.5	
BMW	11.3	0.9	10.0		1.3	12.8	6.8	
PSA	9.2	0.7	7.6		1.6	21.7	15.1	
Benz	7.7	0.6	8.3		-0.6	-7.4	-13.4	
OE Sales for others	89.9	6.9	76.5		13.5	17.6	15.3	
OEM Total	1,189.6	89.4	1,039.9	89.3	149.7	14.4	13.6	
After-market, Non-Automotive Business(*)	141.6	10.6	125.0	10.7	16.6	13.3	13.7	
Total	1,331.2	100.0	1,164.9	100.0	166.2	14.3	13.5	
* Sales of industrial systems								

	FY19	1Q	FY18	1Q	Chan	Change excludes FX difference	
	Amount	% to Total	Amount	% to Total	Amount	%	%
Thermal Systems	358.0	26.9	354.2	30.4	3.8	1.1	0.4
Powertrain Systems	326.9	24.6	299.3	25.7	27.6	9.2	8.1
Mobility Systems	221.5	16.6	142.2	12.2	79.3	55.8	55.3
Electrification Systems	203.6	15.3	196.2	16.9	7.3	3.7	3.
Electronic Systems	152.4	11.5	141.3	12.1	11.1	7.9	7.
Others(*)	24.5	1.8	13.1	1.1	11.4	86.8	87.
Automotive Total	1,287.0	96.7	1,146.4	98.4	140.6	12.3	11.
Non-Automotive Business(FA and agriculture, etc.) Total	44.2	3.3	18.5	1.6	25.7	138.6	139.3
Total	1,331.2	100.0	1,164.9	100.0	166.2	14.3	13.



## Capital Expenditures, Depreciation and R&D Expenditures

(Unit: Billions of Yen)

		FY18		FY19	1Q YTD Change	Progress to FY19
	1Q		1Q	Forecast	from PY	Forecast
Japan	54.7	217.7	52.6	240.0	-3.8%	21.9%
North America	8.3	43.8	15.0	62.5	80.7%	24.0%
Europe	5.2	30.8	5.3	32.0	1.9%	16.6%
Asia	10.7	52.7	15.7	63.0	46.7%	24.9%
Others	0.4	2.2	0.7	2.5	75.0%	28.0%
Capital Exp.	79.4	347.2	89.4	400.0	12.6%	22.4%
Japan	37.1	154.7	40.7	172.5	9.7%	23.6%
North America	7.5	32.4	8.6	35.5	14.7%	24.2%
Europe	5.1	22.2	6.0	26.0	17.6%	23.1%
Asia	13.4	56.4	14.3	58.5	6.7%	24.4%
Others	0.8	2.8	0.6	2.5	-25.0%	24.0%
Depreciation	63.9	268.6	70.2	295.0	9.9%	23.8%
R&D Expenditure (Ratio to Revenue)	99.7 (8.6%)	447.4 (8.8%)	118.2 (8.9%)	495.0 (9.2%)	18.6%	23.9%
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