

## FY2018 1<sup>st</sup> Quarter Financial Results ended June 30, 2017



July 28, 2017 DENSO CORPORATION

Ov	er	view of FY2018 1 <sup>st</sup> Quarter Financial Results	1/16
:	1.	Revenue increased by the increase of car production and sales expansion. Operating profit increased due to the production volume increase and cost reduction efforts.	
2	2.	Upward revision to the first-half and full-year forecast due to the depreciation of yen.	
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		(Ratio to R	levenue)	_		(Unit:Bill	ions of Yen)	
		FY1	8 1Q	FY1	7 1Q	Cha	nge	
	venue		1,164.9		1,092.8	+72.1	+6.6%	
(Ex	erating Profit cludes other income/ enses)	(7.9%)	92.5	(6.8%)	74.6	+17.9	+23.9%	
	er income/ enses		0.7		-7.4	+8.1		
Ор	erating Profit	(8.0%)	93.2	(6.1%)	67.2	+26.0	+38.6%	
Finance income/ costs & others(*1)			20.6		7.8	+12.7		
	ofit before come Taxes	(9.8%)	<sup>3%)</sup> 113.7	(6.9%)	75.0	+38.7	+51.6%	
Pro	ofit (*2)	(6.6%)	76.7	(4.2%)	46.1	+30.6	+66.3%	
						(Unit:Millio	ns of Units)	
	Foreign Exchange	JPY	111/\$	JPY	108/\$	+3 JPY		
Prec	Rate	JPY	122/Euro	JPY	122/Euro	+0 JPY		
	Domestic Car Production		2.23		2.05	+0.18	+8.7%	
tion	Overseas Car Production of Japanese		4.83		4.81	+0.01	+0.3%	
	(North America)		(1.56)		(1.63)	(-0.07)	(-4.2%)	
	come, Finance costs, Foundation of the equi		ange gains/loss	, Share of t	he profit of	₩2 Profit	attributable to owners of the parent co	mpar

#### [Overview of the Consolidated Financial Results]

- 1) Consolidated revenue totaled 1,164.9 billion yen, increased by 72.1 billion yen (+6.6%) from the previous year.
- Consolidated operating profit excluding other income/expenses totaled 92.5 billion yen, increased by 17.9 billion yen (+23.9%) from the previous year.
- Consolidated profit attributable to owners of the parent company totaled 76.7 billion yen, increased by 30.6 billion yen (+66.3%) from the previous year.



#### [Sales by Customer (Quantity Base)]

#### Sales to Toyota Group

Sales to the Toyota Group increased by 5.7 % from the previous year. The reasons are as follows; 1) The car production increased in Japan and Europe. 2) Attach rate of "Toyota Safety Sense P" has been greatly expanded in North America.

#### Sales to non-Toyota Group companies

Sales to non-Toyota Group companies increased by 7.3% from last year. The reasons of each manufacture are as follows; 1)GM : Increase of car production in China and sales expansion of common rail system in North America. 2) SUBARU : Increase of car production and sales expansion of display parts. 3)Nissan : Increase of car production and sales expansion of ECU parts of control system. 4)VOLVO : Sales expansion of engine management system.



#### [Sales by Product (Quantity Base)]

#### Sales of Thermal Systems Products

Sales increased in China due to the production volume increase.

#### Sales of Powertrain Systems Products

Sales increased in North America and Asia due to the production volume increase and sales expansion.

#### Sales of Information & Safety Systems Products

Sales increased due to the production volume increase and steady sales expansion of "Toyota Safety Sense P".



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

\*Excludes other income/expenses

#### Negative factors

- 1) Depreciation : -5.0 billion yen was due to the increase of capital investment for future competition area in addition to strengthen core production capabilities mainly for improving productivity.
- 2) Raw material cost : -4.5 billion yen was due to an increase in material costs.

#### Positive factors

- 1) Production volume increase: +20.0 billion yen was due to production volume increase and sales expansion.
- 2) Variable cost reduction: +11.0 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 rates and other income/expenses

#### In Japan

- 1) The revenue increased by 9.6% from the previous year due to production volume increase and sales expansion.
- Operating profit increased by 73.5% from the previous year due to production volume increase and cost reduction efforts. In addition, the change of payer, who pays foreign exchange balance, from Denso (Japan) to overseas group companies also caused to increase operating profit.

#### <u>Overseas</u>

- 1) The revenue increased all region due to car production increase and sales expansion.
- 2) Operating profit increased in Asia and Other regions due to cost reduction effort. However, the change of payers, who pay foreign exchange balance, as described above, caused to reduce operating profit of each region. As a result, operating profit decreased in North America and Europe.

		(Ratio	to Revenue	e)				(Unit:I	Billions of Yen)
		FY18 20	YTD Original	FY18 2Q YTD Revised		FY17 2Q YTD		Change	
Re	evenue		2,260.0		2,330.0		2,176.9	153.1	+7.0%
( Ex	cludes other income / penses)	(6.2%)	140.0	(6.4%)	149.0	(6.4%)	138.9	10.1	+7.2%
I	ner income/ penses		0.0		12.0		3.8	8.2	
0	perating Profit	(6.2%)	140.0	(6.9%)	161.0	(6.6%)	142.7	18.3	+12.8%
	ance income/ sts & others(※1)		15.0		18.0		7.9	10.1	
	ofit before come Taxes	(6.9%)	155.0	(7.7%)	179.0	(6.9%)	150.6	28.4	+18.9%
Pr	ofit	(4.6%)	105.0	(5.3%)	123.0	(4.5%)	97.5	25.5	+26.2%
								(Unit:Mi	llions of Units)
	Foreign Exchange	JPY	110/\$	JPY	111/\$	JPY	105/\$	+6 JPY	
Prec	Rate	JPY	115/Euro	JPY	121/Euro	JPY	118/Euro	+3 JPY	
Precondition	Domestic Car Production		4.44		4.54		4.30	+0.25	+5.8%
tion	Overseas Car Production of Japanese Manufacturers		9.96		9.85		9.68	+0.16	+1.7%
	(North America) X1 Finance income,F		(3.24)		(2.99)		(3.18)	(-0.19)	(-5.9%)

#### [1st Half Financial Forecast]

Considering the latest movement in the foreign exchange markets, we have revised up our financial result forecasts for the first-half as follows; the revenue to be 2,330.0 billion yen and operation profit exclude other income/expenses to be 149.0 billion yen.

This forecast is based on the currency rate of 111 yen to the dollar and 121 yen to the euro<sup>\*</sup>. Car production volume of Japanese manufacturers will be 4.54 million in domestic and 9.85 million in Overseas.

The forecast includes the positive effect for the revenue and operation profit caused by TD mobile Corporation, which became Denso's affiliate on July 2017.

\*We made yen weaker to some currencies as a precondition of exchange rate used for financial forecast after second quarter. Ex) Euro become 5 yen weaker than one of first quarter.

	(Ratio	o to Revenu	e)			(L	Jnit:Billions	of Yen)	
		(18		Y18	Change fr	om september	FY	′17	
		riginal	Re	vised	Amount	Ratio			
Revenue		4,610.0		4,740.0	130.0	+2.8%		4,527.1	
Operating Profit (Excludes other income/ expenses)	(7.1%)	327.0	(7.2%)	341.0	14.0	+4.3%	(7.2%)	326.4	
Other income/ expense	s	0.0		12.0	12.0			4.1	
Operating Profit	(7.1%)	327.0	(7.4%)	353.0	26.0	+8.0%	(7.3%)	330.6	
Finance income/ costs & others(※1)		33.0		35.0	2.0			30.3	
Profit before Income Taxes	(7.8%)	360.0	(8.2%)	388.0	28.0	+7.8%	(8.0%)	360.9	
Profit	(5.6%)	260.0	(5.9%)	280.0	20.0	+7.7%	(5.7%)	257.6	
					(Unit:M	illions of Units)			
Foreign Exchange	JPY	110/\$		110/\$	+0 JPY		JPY	108/\$	
Rate Domestic Car Production Overseas Car Production Japanese Manufacturers	JPY	115/Euro 9.18	JPY	121/Euro 9.42	+6 JPY +0.24	+2.7%	JPY	119/Euro 9.10	
Overseas Car Production of Japanese Manufacturers	f	20.02		20.06	+0.03	+0.2%		19.67	
(North America)		(6.54)		(6.08)	(-0.46)	(-7.0%)		(6.38)	
※1 Finance income Share of the profit of						※2 Profit a	attributable	to owners of	the parent compan

#### [Full-Year Financial Forecast]

Considering the latest movement in the foreign exchange markets, we have revised up our financial result forecasts for the full-year as follows; the revenue to be 4,740.0 billion yen and operation profit exclude other income/expenses to be 341.0 billion yen.

The forecast is based on the currency rate of 110 yen to the dollar and 121 yen to the euro. Car production volume of Japanese manufacturers will be 9.42 million in domestic and 20.06 million in Overseas.



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

\*Excludes other income/expenses

#### **Negative factors**

1) The depreciation allowance, expenses, and raw materials costs will increase by 68.4 billion yen.

#### **Positive factors**

1) The reduction in variable costs and the increase of production volume will lead to an increase of 83.0 billion yen\*\*.

\*\*Although the positive effect by TD mobile Corporation has already been included in full-year financial forecast, the one of FUJITSU TEN LIMITED, which will become Denso's affiliate on October 2017, has not been included yet. It will be reflected on financial forecast at next results announcement with the effect of increased car production volume expectation.



### Appendix

- Non-Consolidated Financial Results
- Pre-Conditions (Foreign Exchange Rate/Car Production)
- Consolidated Revenue by Customer
- Consolidated Revenue by Product
- Trend of Capital Expenditures, Depreciation and R&D Expenditures
- Capital Expenditures, Depreciation, and R&D Expenditures



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### FY18 1<sup>st</sup> Quarter Non-Consolidated Financial Results

#### Income Statements(Japanese accounting standards)

	(Ratio to Sales)	(	Unit: Billions of Yen,%
Account	FY18 1Q	FY17 1Q	Change Amount %
Net Sales Operating Income Income Before Income Taxes Net Income	( 100.0 ) 619.8 ( 3.0 ) 18.6 ( 9.9 ) 61.6 ( 8.9 ) 55.3	( 100.0 ) 568.4 ( 1.6 ) 9.0 ( 6.7 ) 38.0 ( 5.6 ) 32.1	51.4 9.0   9.6 107.0   23.3 61.9   23.2 72.2

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

			1Q	FY2	2018 First-	Half				FY2017 S	econd-Half		]	FY2018	Full Year	
		Prior Year	Actual	Change	Prior Year		Forecast (Revised)	Change	Prior Year	Forecast (Original)		Change	Prior Year	Forecast (Original)	Forecast (Revised)	Change
Foreign Exchange	USD	108	111	+ 3	105	110	111	+ 6	111	110	110	-	108	110	110	+ 2
Rate (Yen)	EUR	122	122	+ 0	118	115	121	+ 3	119	115	120	-	119	115	121	+ 2
Forex Impact on Operating Income	USD							-				-	2.5	2.5	2.5	0.0
per Yen (Billions of Yen)	EUR							-					1.0	1.0	1.0	0.0
Car Production of	Domestic	2.05	2.23	+ 9%	4.30	4.44	4.54	+ 6%	4.80	4.74	4.88	+ 2%	9.10	9.18	9.42	+ 4%
Japanese Manufacturers	North America	1.63	1.56	- 4%	3.18	3.24	2.99	- 6%	3.20	3.30	3.09	- 3%	6.38	6.54	6.08	- 5%
(Millions of Units)	Overseas	4.81	4.83	+ 0%	9.68	9.96	9.85	+ 2%	9.98	10.06	10.21	+ 2%	19.67	20.02	20.06	+ 2%

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### Consolidated Revenue (By Customer)

yota ihatsu io yota Group nda A A I -d	Amount 480.6 26.6 13.4 520.5 87.3	% to Total 41.3 2.3 1.1	457.7 20.4	% to Tota 41.9 1.9	Amount 22.9	<b>%</b> 5.0	<b>%</b> 4.5
hatsu no <b>yota Group</b> nda A	26.6 13.4 <b>520.5</b>	2.3 1.1	20.4		22.9	5.0	4 5
io <b>yota Group</b> nda A I	13.4 <b>520.5</b>	1.1		1.0			4.5
<b>yota Group</b> nda A	520.5			1.9	6.2	30.3	30.3
nda A			12.3	1.1	1.1	9.0	9.0
A	87.3	44.7	490.4	44.9	30.2	6.2	5.7
		7.5	84.8	7.8	2.5	3.0	1.9
	57.5	4.9	54.9	5.0	2.6	4.7	3.1
-d	44.4	3.8	39.2	3.6	5.2	13.1	10.6
u	38.5	3.3	36.6	3.3	1.8	5.0	3.7
undai/Kia	34.4	3.0	34.5	3.1	-0.2	-0.5	-3.7
zuki	28.0	2.4	22.8	2.1	5.1	22.5	20.3
zda	26.7	2.3	25.8	2.3	0.9	3.5	2.7
BARU	24.0	2.1	19.8	1.8	4.3	21.6	20.6
isan	23.4	2.0	17.2	1.6	6.2	35.9	35.3
//AUDI	18.8	1.6	21.4	2.0	-2.6	-12.3	-11.8
zu	13.3	1.1	12.2	1.1	1.1	8.8	7.2
subishi	10.8	0.9	11.0	1.0	-0.2	-1.5	-4.2
W	10.0	0.9	11.7	1.1	-1.7	-14.5	-14.5
lvo	10.0	0.8	6.6	0.6	3.4	52.2	52.2
nz	8.3	0.7	8.9	0.8	-0.6	-6.6	-6.6
A	7.6	0.7	7.1	0.6	0.5	7.6	7.6
Sales for others	76.5	6.6	63.8	5.9	12.7	19.9	19.6
M Total	1,039.9	89.3	968.7	88.6	71.3	7.4	6.5
er-market, w business & hers(*)	125.0	10.7	124.1	11.4	0.8	0.7	-0.5
tal	1,164.9	100.0	1,092.8	100.0	72.1	6.6	5.7

### **Consolidated Revenue (By Product)**

#### (Unit: Billions of Yen,%)

	FY2018	3 1Q	FY2017	7 1Q	Chan	ge	Change excludes
	Amount	% to Total	Amount	% to Total	Amount	%	%
Thermal Systems	354.2	30.4	341.0	31.2	13.2	3.9	3.1
Powertrain Systems	299.3	25.7	280.6	25.7	18.7	6.7	5.2
Information & Safety System	191.1	16.4	172.3	15.8	18.8	10.9	10.5
Electrification Systems	119.7	10.3	109.1	10.0	10.5	9.7	8.8
Electronic Systems	92.3	7.9	88.4	8.1	3.9	4.4	4.1
Small Motors	76.6	6.6	72.7	6.6	3.9	5.3	4.3
Others(*)	13.1	1.1	12.3	1.1	0.8	6.6	4.9
Automotive Total	1,146.4	98.4	1,076.5	98.5	69.9	6.5	5.6
New Business Total	18.5	1.6	16.3	1.5	2.2	13.4	13.1
Total	1,164.9	100.0	1,092.8	100.0	72.1	6.6	5.7

\* Revenue of equipment, Repair parts, original brand products of subsidiaries



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## Trend of Capital Expenditures, Depreciation and R&D Expenditures



### Capital Expenditures, Depreciation and R&D Expenditures

#### (Unit: Billions of Yen)

	1Q	FY17	1Q	FY18 Forecast	1Q YTD Change from PY	Progress to FY18 Forecast
Japan	52.3	215.7	54.7	211.0	4.6%	25.9%
North America	12.3	51.8	8.3	57.0	-32.5%	14.6%
Europe	4.6	23.6	5.2	20.0	13.0%	26.0%
Asia	10.7	44.1	10.7	55.0	0.0%	19.5%
Others	0.5	2.2	0.4	2.0	-20.0%	20.0%
Capital Exp.	80.4	337.4	79.4	345.0	-1.2%	23.0%
Japan	33.7	140.1	37.1	153.0	10.1%	24.2%
North America	6.5	27.0	7.5	30.0	15.4%	25.0%
Europe	4.7	19.0	5.1	20.5	8.5%	24.9%
Asia	12.6	52.1	13.4	54.0	6.3%	24.8%
Others	0.7	2.9	0.8	2.5	14.3%	32.0%
Depreciation	58.2	241.1	63.9	260.0	9.8%	24.6%
R&D Expenditure (Ratio to Revenue)	95.6 (8.7%)	409.2 (9.0%)	99.7 (9.0%)	425.0 (9.0%)	4.3%	23.5%

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