

Subject		Market
<b>Target Creation for LSS Forward Recognition Camera Adjustment</b>		USA
Service Category	Section	
Engine/Hybrid System	Cruise Control	
Applicability		
Models with LSS		

**APPLICABLE VEHICLES**

2018-2019	RC F	2018-2019	LS500
2018-2019	RC350	2018-2019	NX300H
2016-2019	ES300H	2016-2019	GS F
2016-2019	ES350	2018-2019	RC300
2016-2019	RX450H	2018-2019	NX300
2016-2019	GS350	2017-2019	IS300
2017-2019	IS350	2016-2019	RX350
2017	IS200T	2018-2019	LS500H
2016-2018	GS450H	2016-2019	LX570

**CONDITION**

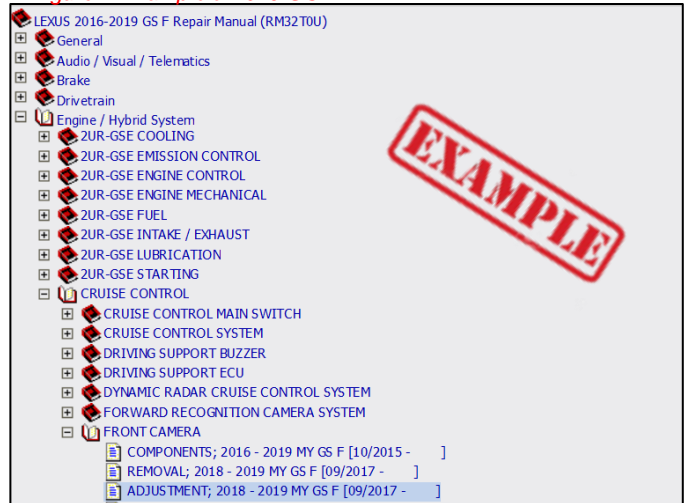
When adjusting the Forward Recognition Camera on vehicles with Lexus Safety Sense, it can be difficult to print the repair manual target to the proper size.

**RECOMMENDATIONS**

Selecting the Proper Target – To ensure proper camera adjustment, the target should be printed to the specifications shown in the Repair Manual.

1. Refer to TIS, applicable model and model year Repair Manual:  
 Engine / Hybrid System > Cruise Control > Front Camera > Adjustment.
  - Some vehicles may list instructions for a “One Time Recognition” and a “Sequential Recognition”. Determine which procedure you will perform and open the instructions.

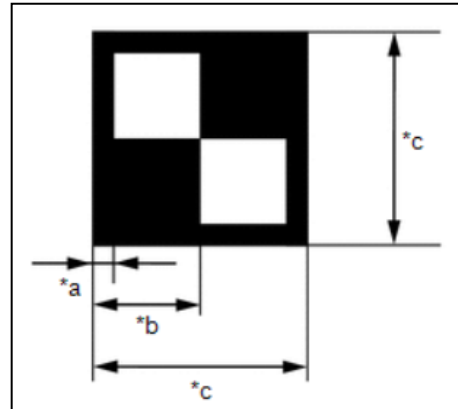
*Figure 1. Example of 2019 GS F*



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**RECOMMENDATIONS**

- In the Repair Manual, find the dimensions of the printed target size. The total horizontal dimension specifies which target to print.

*Figure 2.*

**120mm**

*a	12mm (0.472in)
*b	60mm (2.36in)
*c	120mm (4.72in)

**160mm**

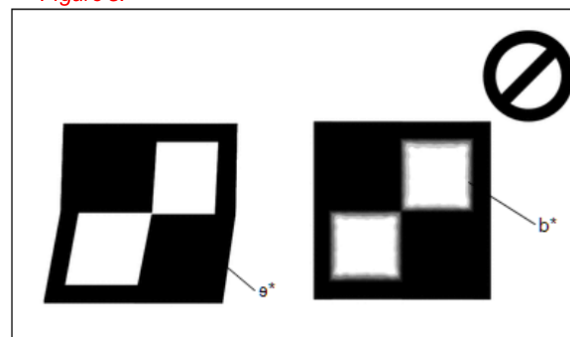
*a	16mm (0.630in)
*b	80mm (3.15in)
*c	160mm (6.30in)

**180mm**

*a	18mm (0.709in)
*b	90mm (3.54in)
*c	180mm (7.09in)

- Print the correct sized target located in "Link References" below and confirm:
  - The target is not blurry or distorted
  - The target dimensions to ensure they are within +/-5 mm (0.197 in.) of the specified values.

**Hint:** a) Open the file with Adobe Reader  
 b) Select "Fit" in the print setting under "Page Sizing & Handling"

*Figure 3.*


- Complete the repair procedure as outlined in the repair manual.

**LINK REFERENCES**

- [120mm Target.pdf](#)
- [160mm Target.pdf](#)
- [180mm Target.pdf](#)