

Letter of Notification for Revision in Product Specification and Price

To dear distributors and associated partners,

Thank you for your continuous support, which has been the basis of the success of our products over the years.

As you had been well aware of, since the early years of production of our screw feeders in 1996, over the years of difficult times of the rise of production costs or material, we have kept the unit price of our products down at the minimum, which had stayed unchanged through many years. However, due to the recent rise of material cost of steel, and the unexpected effect of extended period of low exchange rate for Japanese Yen, it had become increasingly difficult to maintain the production cost as in previous years.

As a result, we have been forced to make the difficult decision of revising overall sales price of our products. The revision in prices are scheduled to become effective starting from October 1, 2017. Details regarding price revision will be explained in further announcements to follow accordingly. Please accept our sincerely apologies for any inconveniences it may bring.

From this point on, we will continue working to improve the level of product quality, and achieving the higher quality of customer satisfactions.

Thank you for your support and understanding in advance.

Ohtake Root Kogyo Co., Ltd.
Sales Department

Details of related notification and announcement:

1. Revision in Product Specification:

Product specification and portions of accessory parts are to be revised according to documentations attached.

2. Regarding the Notification of Price Revision:

Product unit price will be revised. For further details, please refer to documentation provided separately. Regarding special customized units, price quotations will be provided upon request.

3. Effective date of Changes in Product Specification and Price:

Associated changes are scheduled to become effective from October 1, 2017.

Details of Changes in Product Specifications

No.	Variance in Product	Product Series								
		NJ NJL	NJR NJRL	FM-36	NSB	NSR	NSBI	NSRI	OM- 26M	OM- 26R
1	Signal output wiring standardized	◎	○	○	◎	○	◎	○	◎	○
2	Brush-driving gear: Improved component lifetime	◎	◎	◎	◎	◎	◎	◎	◎	◎
3	Modification of screw hopper blocks (Design modification)	◎	◎	○	—	—	—	—	—	—
4	Linear escapement: Improvement for unstable screw movement during rotation	—	—	—	—	◎	—	—	—	—
5	Rotational escapement: Improvement of component precision	—	—	—	—	—	◎	◎	◎	◎
6	Rotational escapement: Solution for unstable screws during rotation	—	—	—	—	—	◎	◎	◎	◎
7	Improvement of escapement driving motor	—	◎	◎	—	◎	—	—	—	—
8	Application of switching type adaptor for all series	◎	◎	○	◎	◎	○	○	○	○

*1: The sales of previously published Type-2 models (Such as NJ2, NJR2, etc...) will be terminated and discontinued.

*2: SS Series, SSI Series, NEJIKURA hopper series will not be affected by above changes.

*3: Regarding inquiries for discontinued products or previously provided options (such as output signal connectors), please contact us for further details.

Details Regarding Modifications of Accessory Parts and Product Specification:

- Previously supplied power adaptors for product series of NJ/NJL/NJR/NJRL/NSB/NSR will be discontinued, and replaced with switching-mode power adaptors.
Along with above changes, the type of power plug can be specified upon the time of purchase order issued.
Please contact us for further details of difference in adaptor or plug specifications regarding aforementioned changes.
- In addition to above modification in specification, grounding wire will be provided as standard accessory parts. It is recommended that grounding connections to be made at the installation of products
- Upon the product renewal, replacement parts of *passage plates*, which were previously supplied with NSB/NSR/NSBI/NSRI series screw feeders will be discontinued.
- Additional "Robot escaper guide" for replacement provided for NSRI series will be discontinued.
- Accessory components described above in items 3 and 4 will in turn be provided with corresponding rail exchange sets, effective for purchase orders issued from October 1, 2017.
- Escapement motor in series noted above is subject to a revision in product specification, as further explained in attached documentations.
The newly specified motors will NOT be available for replacement with associated components in products purchased previously. Please refer to attached for further details.
Associated replacement parts and hardware shall be available for a minimum of 5 years after the publication of this announcement.

Reference Information regarding the Change of Escapement Motor

To dear distributor and associates,

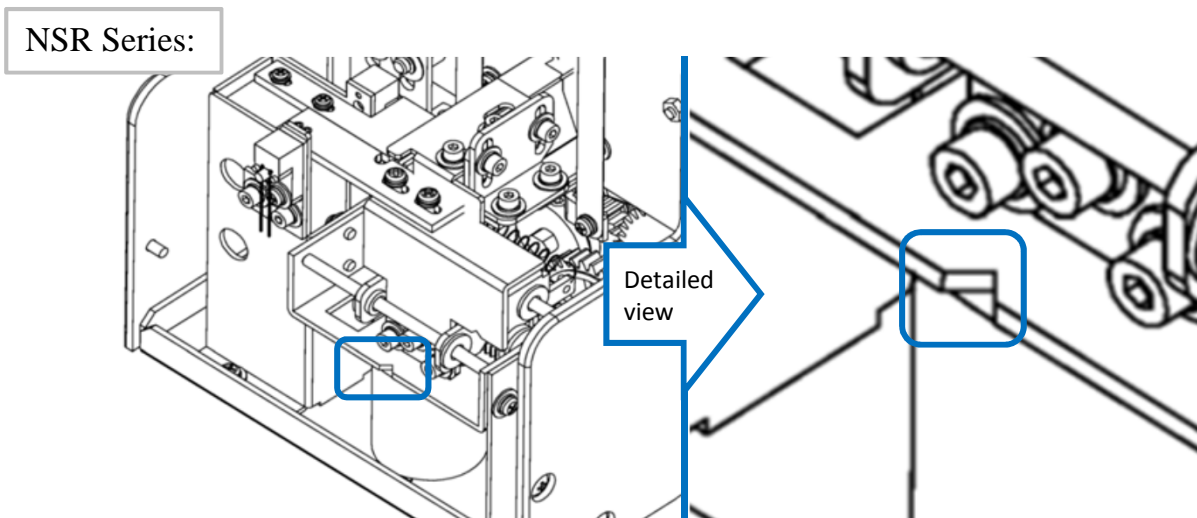
The escapement motor utilized in several product series will be subject to the following changes, which are to become effective starting October 1, 2017.

- Difference of escapement motor with previously products:

The feeder series noted below will have associated components with extra cutouts to indicate whether the product belongs to the older type or newer type. Products which utilizes a newer escapement motor will have a cutout indicated as below.

Because the associated components cannot be interchangeable between newer and older type feeder units, please refer to description and diagrams below when ordering replacement components.

- When ordering the escapement unit assemblies for respective feeder series, please be sure to indicate the screw size required for replacement.



Old assembly name: Escaper Unit: NSR

/ Old assembly number: NSR08001 #01-#08

New assembly name: **Escaper Unit: NSR (C)**

/ New assembly number: **NSR08004 #01-#08**

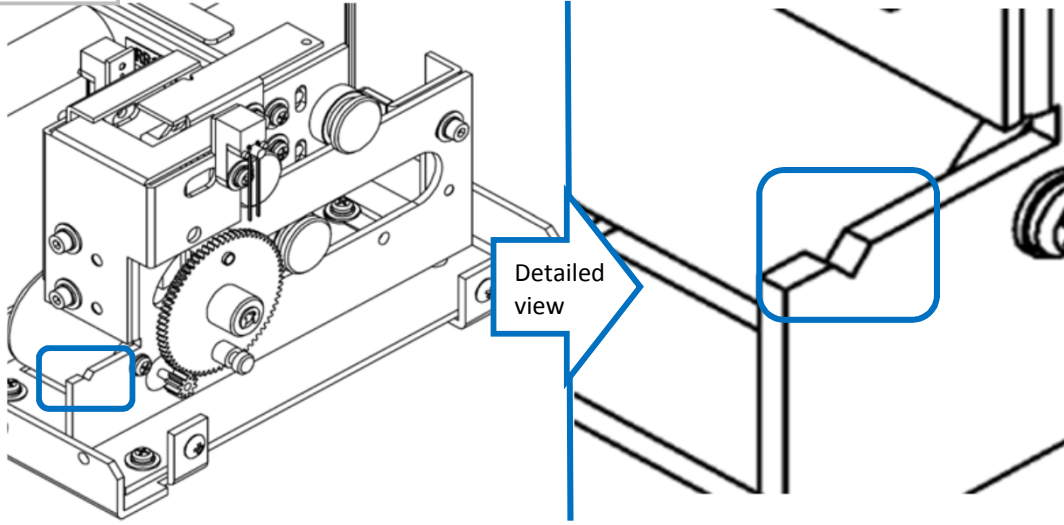
Old part name: Escaper Motor (with harness)

/ Old part number: NSR09682 #07

New part name: **NSR Escaper Motor (with harness) (C)**

/ New part number: **NSR08053**

NJR Series



Old assembly name: Escaper Assy

/ Old assembly number: NJ00044 #03-#09

New assembly name: **Escaper Assy (C)**

/ New assembly number: **NJ00079 #01-#08**

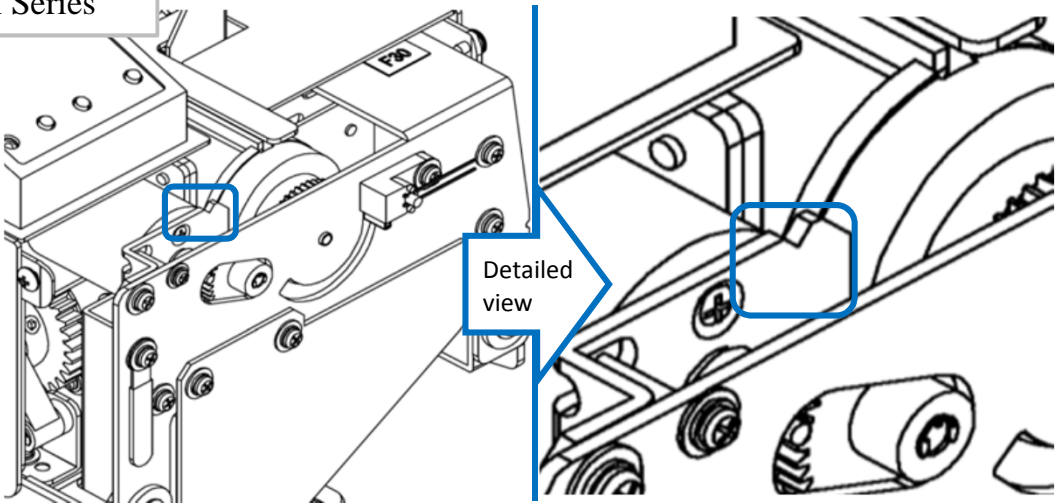
Old part name: Escaper Motor (with harness)

/ Old part number: NJR09582 #06

New part name: **NJR Escaper Motor (with harness) (C)**

/ New part number: **NJ06643**

FM Series



Old part name: Escaper Motor (with harness)

/ Old part number: NJ09782 #08

New part name: **FM Escaper Motor (with harness) (C)**

/ New part number: **NJ06640**