

**Motor & Equipment Manufacturers Association**

1030 15th Street, NW Suite 500 East Washington, DC 20005  
Tel 202.393.6362 Fax 202.737.3742 www.mema.org



September 20, 2019

VIA [REGULATIONS.GOV](https://www.regulations.gov)

The Honorable Robert E. Lighthizer  
U.S. Trade Representative  
Office of the U.S. Trade Representative  
Washington, D.C. 20508

**Re: Request for Comments Concerning Proposed Modification of Action Pursuant to Section 301: China's Act, Policies and Practices Related to Technology Transfer, Intellectual Property, and Innovation (Docket No. USTR-2019-0015)**

Dear Ambassador Lighthizer:

The Motor & Equipment Manufacturers Association (MEMA) respectfully submits these written comments to the *Request for Comments Concerning Proposed Modification of Action Pursuant to Section 301: China's Act, Policies and Practices Related to Technology Transfer, Intellectual Property, and Innovation*<sup>1</sup>, issued by the Office of the United States Trade Representative ("USTR") in the above-referenced proposed action ("Section 301 Proposed Modification").

USTR proposes to modify the action being taken in this investigation by increasing the rate of additional duties from 25 percent to 30 percent on the products of China currently subject to tariff actions first taken in June, August, and September 2018. Among these products are certain vehicle materials, subcomponents, and parts imported by our members from the People's Republic of China including, but not limited to, certain products in HTS Chapters 40, 73, 76, 83, 84, 85, 87, 90, and 94.<sup>2</sup>

USTR requests that commenters focus specifically on the proposed increase in the rate of additional duties from 25 percent to 30 percent, with an effective date of October 1, 2019.<sup>3</sup> In particular, USTR invites commenters to address specifically whether increasing the rate of additional duties would be practicable or effective to obtain the elimination of China's acts, policies, and practices, and whether increasing the rate of additional duties on a particular product listed in the Annexes would cause disproportionate economic harm to U.S. interests, including small- or medium-sized businesses and consumers.

The increase in the Section 301 tariffs to 30 percent *ad valorem* pursuant to the Section 301 Proposed Modification on automotive vehicle materials, subcomponents, and parts will disproportionately harm U.S. businesses, including the vehicle components and systems manufacturers MEMA represents. Though MEMA applauds the administration's efforts to protect intellectual property rights ("IPR"), MEMA respectfully requests that the product classification

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<sup>1</sup> 83 *Fed. Reg.* at 14906, April 6, 2018.

<sup>2</sup> The full list of HTS Codes MEMA is requesting be removed from USTR's list is included at **Attachment 1**.

<sup>3</sup> President Trump announced that this date is extended to October 15, 2019.



included in **Attachment 1** be exempt and be removed from USTR's proposed list of products subject to the increase to 30 percent *ad valorem* duties pursuant to the Section 301 Proposed Modification. Ultimately, inclusion of these products will further hurt domestic manufacturers and consumers that have already been experienced as a result to the 25 percent *ad valorem* duties.

## **A. MEMA**

MEMA represents 1,000 vehicle suppliers that manufacture and remanufacture new original equipment ("OE") and aftermarket components and systems for use in passenger cars and heavy trucks.<sup>4</sup> Our members lead the way in developing advanced, transformative technologies that enable safer, smarter, and more efficient vehicles, all within a rapidly growing global marketplace with increased regulatory and customer demands. Our members range in size from large, multi-national corporations to small- and medium-sized enterprises.

Vehicle suppliers represent the largest sector of manufacturing jobs in the United States, directly employing over 871,000 Americans in all 50 states plus the District of Columbia. Together with indirect and employment-induced jobs, the total employment impact of the motor vehicle parts manufacturing industry is 4.26 million jobs. Nearly \$435 billion in economic contribution to the U.S. GDP is generated by motor vehicle parts manufacturers and its supported activity. In total, motor vehicle parts suppliers contribute more than 77 percent of the value in today's vehicles.

MEMA members operate in a global supply chain of domestic and international suppliers and customers. China is a large and important trading partner for the supplier and motor vehicle manufacturing industry; many U.S. motor vehicle suppliers have manufacturing facilities in China to service Asia and the global marketplace.

MEMA members source certain motor vehicle parts and equipment from qualified Chinese suppliers based on exacting standards and product regulatory requirements. Suppliers have found China to be a good option for sourcing certain parts necessary for manufacturing motor vehicle components and systems. This model has allowed for continued growth in motor vehicle production as well as U.S. employment in our industry sector.

## **B. CRITERIA UNDER REVIEW**

Pursuant to the instructions in the Section 301 Proposed Modification, MEMA provides the following information to USTR in support of the proposed modification's request for comments. Analysis of these factors, collectively and individually, demonstrates that imports of certain vehicle parts and equipment should be excluded from the proposed list of products that are subject to the increase to 30 percent additional tariffs pursuant to Section 301.<sup>5</sup> In addition MEMA offers additional comments on the Section 301 exclusion process, some of which are addressed in the Section 301 Proposed Modification.

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<sup>4</sup> MEMA represents its members through four divisions: Automotive Aftermarket Suppliers Association (AASA); Heavy Duty Manufacturers Association (HDMA); MERA - The Association for Sustainable Manufacturing; and, Original Equipment Suppliers Association (OESA).

<sup>5</sup> See Attachment 1.

**1) The specific HTS subheadings subject to the proposed increase in the rate of additional duty from 25 percent to 30 percent;**

MEMA requests that USTR remove the HTS subheadings included in **Attachment 1** from its proposed list of HTS subheadings that will be subject to the Section 301 Proposed Modification. The Attachment represents input from many MEMA members; however, it is by no means an exhaustive list.

Due to the short time frame, MEMA anticipates that some individual vehicle parts manufacturer companies and other vehicle industry stakeholders will not have sufficient time to ask USTR to remove HTS subheadings on vehicle parts they import from China as well as the materials, vehicle components, and manufacturing tooling they need to manufacture vehicle parts. Parts and materials that fall under the HTS chapters we noted earlier (40, 73, 76, 83, 84, 85, 87, 90, and 94) and are included in **Attachment 1**.

The products listed in **Attachment 1** are imported by our members, are manufactured further, and then are either sold to aftermarket distribution and retail channels for sale to consumers or used to support downstream manufacturing in the original equipment vehicle industry. Vehicle manufacturers require a reliable supply chain to source the thousands of parts, components, and systems that are ultimately assembled into a finished vehicle.

**2) Whether increasing the rate of additional duties on one or more subheadings listed in the Annexes would be practicable to obtain the elimination of China's acts, policies, and practices;**

MEMA's members invest heavily in innovation and understand the importance of IPR protection to the sustained success of the motor vehicle parts manufacturing industry. Though MEMA supports the administration's push for robust IPR protection in China, adding a 5 percent to already existing 25 percent *ad valorem* rate of duties on these parts and equipment imported by our members from China is not the solution to these problems.

MEMA has repeatedly argued that China serves as an important resource for materials and parts needed to build components in the United States. Forcing manufacturers to make low technology products domestically would have significant unforeseen consequences on U.S. global competitiveness. While many of the parts and subcomponents listed in **Attachment 1** are not typically the IPR-focused innovative technologies that suppliers and vehicle manufacturers rely on for advanced vehicles (such as advanced vehicle safety or fuel efficiency technologies), these parts and components are important to both the vehicle manufacturers and consumers.

MEMA does not agree that the imposition of tariffs is an effective or viable solution to China's intellectual property and licensing issues. If tariffs are imposed, however, MEMA contends that they should be specifically focused on products benefitting from the restrictive and discriminatory intellectual property and licensing practices that the administration is attempting to eliminate.

There is no evidence that applying tariffs to these products will address any of the concerns that China misappropriated intellectual property, and therefore MEMA believes that these products should be excluded from USTR's list.

MEMA urges the administration to take an approach that specifically targets China's policies, particularly those that fail to adequately protect IPR, rather than imposing blanket tariffs on imports. Broad-based actions like this will not effectively eliminate the IPR and licensing issues in China. MEMA proposes the following alternative measures that will be more effective in protecting IPR and less harmful to U.S. interests:

- Elimination of equity restrictions and local partner or technology transfer requirements in the motor vehicle sector;
- Elimination of cybersecurity-related policies that limit data flows and prevent successful and secure data flows into and out of China, which will limit exposure to hacking or surveillance; and
- More robust measures to combat counterfeiting, including higher valuation of seized counterfeits based on the value of the genuine branded product.

In its efforts to protect intellectual property laws and eliminate China's restrictive and discriminatory licensing requirements, we urge the administration to consider the physical presence of many U.S.-based suppliers in China and the downstream manufacturers that rely on a high-quality, reliable, and affordable supply of these materials, subcomponents, and parts to support their business in the United States. Unless these companies notify the U.S. government that they had a problem with China's acts, policies, and practices related to technology transfer, IP, and innovation, it is not appropriate for the U.S. government to require additional tariffs on their products.

**3) Whether increasing the rate of additional duties on particular products listed in the Annexes would cause disproportionate economic harm to U.S. businesses and consumers;**

The proposed increase to 30 percent tariffs on motor vehicle materials, subcomponents, and parts will cause disproportionate harm to U.S. interests by disrupting American manufacturing operations and increasing costs, both to U.S. producers and consumers.

Original equipment suppliers facing increased costs have two options – pass the price increases on to the vehicle manufacturer customer or absorb the price increase, possibly limiting future investments. Passing on the costs is not possible because the OEM customer would seek other suppliers – potentially overseas. If the supplier absorbs the costs, they may be forced to delay or cancel planned U.S. investments, such as workforce training or facility expansion. Either choice results in financial losses to the supplier, impacting their U.S. workers.

Additionally, consumers rely on these parts and subcomponents to keep their vehicles safely and properly maintained for on-road use. An increase to a 30 percent tariffs on these parts will compound the harm consumers who desire affordable and convenient service to maintain the millions of vehicles on the road today, keeping them operating safely, appropriately, and efficiently.

Motor vehicle component and systems manufacturers are the largest employers of manufacturing jobs in the United States. The proposed tariff increase will no doubt lead to job losses due to a decrease in production if necessary parts and equipment are not available in a timely manner or the costs of production increase.

The 5 percent increase is not insignificant, and in many ways, will be passed onto U.S. consumers through higher prices for the final product. Vehicle manufacturers use these products as OE components and systems for new vehicles. Consumers use these automotive aftermarket products to repair, maintain, or improve their vehicles. Many of the listed products are important components necessary for the safe operation and function of a vehicle and/or are components of vehicle safety-related systems.

A 30 percent tariff on these materials, subcomponents, and parts will adversely impact suppliers by disrupting their U.S. manufacturing operations and increasing costs. Thus, the 30 percent additional tariffs pursuant to Section 301 would likely eliminate available sources for certain vehicle parts and equipment, cause harm to U.S. manufacturers, and increase costs to consumers that depend on a reliable and affordable supply for these vehicle parts and equipment.

**4) Whether increasing the rate of additional duties on particular products listed in the Annexes would cause disproportionate economic harm to U.S. small- or medium sized businesses;**

Small- and medium-sized U.S. motor vehicle parts manufacturers are particularly susceptible to increased costs, squeezed margins, and added burdens, placing them at a competitive disadvantage to larger corporations and/or foreign competitors. The increased costs resulting from the proposed tariffs will place a significant harmful burden on small- and medium-sized businesses, including the possibility of forced bankruptcy and loss of income.

Moreover, often there are capacity challenges, and sourcing these products in the volumes some suppliers require is simply not available domestically. Capacity utilization in the U.S. is strained or non-existent for many of the products needed by suppliers on the list, which is why China is often the only sourcing choice for manufacturers. Lack of capacity is a serious consequence of these tariffs, which would hinder the ability of suppliers to manufacture the volumes necessary for OEM customers or U.S. consumers.

MEMA has been contacted by Tier 2 and Tier 3 suppliers, who are often the major employer in small communities across the country, with concerns about the large-scale 25 percent tariffs moving profitable companies into the red, precipitating bankruptcies, and even posing existential threats. Adding another 5 percent to the existing 25 percent tariffs products imported from China would push many of these companies that are hanging on by their fingernails over the ledge

Another serious concern is the additive nature of these tariffs, which will be on top of existing tariffs or duties on products. MEMA members have identified several products on USTR's proposed list that are also subject to tariffs under the Section 232 investigation. Adding another 5 percent to the total tariff liability for these products would be merely "piling it on."

In summary, production costs threaten small- and medium-size U.S. businesses and their employees who depend on a reliable supply of automotive materials, subcomponents, and parts to make repairs to automobiles. Tariffs on these products could lead to downsizing, layoffs, or even cause certain U.S. production to move overseas.

**5) MEMA supports commencement of a new exclusion request period for Tranche 1 tariffs;**

On December 21, 2018, the Office of the U.S. Trade Representative submitted for publication a Federal Register Notice to modify the Harmonized Tariff Schedule in order to grant nearly 1,000 product exclusion requests from tariffs that went into effect on July 6 on approximately \$34 billion worth of imports from China. These exclusions are retroactive to July 6, 2018, but terminate after one year from the date the exclusion was granted. The deadline for submitting exclusions for these so-called Tranche 1 tariffs was September 20, 2018.

USTR has indicated the exclusions will not be automatically extended nor has USTR announced whether recipients will be able to apply for an exclusion extension. Some of these extensions will expire in several months and the preparation and approval process could very well take longer than that.

As previously noted, MEMA member companies operate in a global supply chain, and many U.S. motor vehicle suppliers either have manufacturing facilities in China or source inputs from Chinese producers. A 25 percent tariff on the materials, subcomponents, and parts at issue will undoubtedly harm MEMA member companies by disrupting their U.S. manufacturing operations and increasing costs. Moreover, proposed tariffs will cause job losses due to a decrease in production if necessary parts and equipment are not available in a timely manner or the costs of production increase. These risks are particularly acute for small- and medium-sized businesses.

Many automotive parts producers do not have the ability to quickly make changes to their supply chain to resource components from other suppliers. Many of these components must be able to ensure the safety of passengers within the vehicle, and therefore are subject to a stringent approval process, including requirements set forth in the Automotive Industry Action Group ("AIAG") Pre-Production Approval Process ("PPAP"). Development of any third-country facility to manufacture these products would require rigorous re-qualification, customer validation, and other approvals, which would take between 18 and 24 months. Accordingly, providing a process whereby parts producers who have been granted a one-year exclusion should be afforded the opportunity to apply for an exclusion extension.

Adding the validation expenses with the costs for relocation and production and transitioning to a new supplier is not an option for many auto parts producers. Given the onerous validation requirements, rigorous approval process, and additional costs from relocation and production, the current tariff results in substantial economic harm to automotive vehicle suppliers, downstream U.S. manufacturing operations, and OEM customers, who have no immediately available, alternative sources for these products.

Moreover, a second Tranche 1 exclusion request period should be extended to all parties that are able to file section 301 exclusion requests. This is because circumstances might have changed from the facts that led those parties not seek exclusion requests or have their exclusion requests denied.

Finally, re-opening of exclusion request periods for Tranche 2 should also be implemented in sufficient time to allow parties to apply or reapply for the exclusions under the same rules outlined above for Tranche 1. This should also be the case for the Tranche 3 and Tranche 4 exclusion processes, should those tariffs extend well into 2020.

**6) MEMA supports statement in Section 301 Proposed Modification that any additional duty will not affect exclusions granted.**

MEMA supports the statement in the Section 301 Proposed Modification that any increase in the rate of additional duties will not affect exclusions granted under the procedures set out in USTR exclusion process. *See* 83 FR 32181 (July 11, 2018); 83 FR 47236 (Sept. 18, 2018); and 84 FR 29576 (June 24, 2019).

**C. CONCLUSION**

For the reasons set forth above, MEMA respectfully requests USTR remove the products listed in **Attachment 1** from the Annex, in addition to those listed in comments from vehicle component manufacturers and other vehicle industry stakeholders. Additional 5 percent tariffs on these parts will only exacerbate uncertainty, price increases, and potential delays across the vehicle manufacturing supply chain. Consumers who rely on affordable service parts to properly maintain the millions of vehicles on our nation's roadways will be negatively impacted by increased prices as well.

As a final point, MEMA argues that USTR should remove some of the products listed in Tranche 4, including those that were originally exempted in Tranches 1 and 2. In addition, the organization urges that USTR reverse tariffs for many of the tariff lines under Tranche 3.

Please contact Catherine Boland via email [cboland@mema.org](mailto:cboland@mema.org) or call 202-312-9241, if there is any additional information MEMA can provide.

Sincerely,



Ann Wilson  
Senior Vice President  
Government Affairs

**Attachment 1**  
**List 1**

39269090	Other articles of plastics and articles of other materials of headings Nos. 39.02 to 39.14
40091200	Tubes, pipes and hoses of vulcanized rubber other than hard rubber, not reinforced or combined w/other materials, with fittings
40169915	Caps, lids, seals, stoppers and other closures, of noncellular vulcanized rubber other than hard rubber
73064050*	Stainless steel, welded, w/circ. x-sect & ext. diam. 406.4mm or less, tubes, pipes, hollow profiles, w/wall thick. of 1.65 mm or more
73181600	Iron or steel, nuts
73202010	Iron or steel, helical springs, suitable for motor-vehicle suspension
73202050	Iron or steel, helical springs (a/than suitable for motor-vehicle suspension)
76061230*	Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), not clad
76061260*	Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), clad
76071960*	Aluminum, foil nesoi, w/thickness o/0.15mm but n/o 0.2 mm or 0.15mm or less & not cut to shape, not rolled, not backed, nesoi
76082000*	Aluminum alloy, tubes and pipes
76090000*	Aluminum, fittings for tubes and pipes
83021030	Iron or steel, aluminum, or zinc hinges and base metal parts thereof, designed for motor vehicles
84123900	Pneumatic power engines and motors, other than linear acting
84135000	Reciprocating positive displacement pumps for liquids, not fitted with a measuring device, nesi
84136000	Rotary positive displacement pumps for liquids, not fitted with a measuring device, nesi
84138100	Pumps for liquids, not fitted with a measuring device, nesi
84139110	Parts of fuel-injection pumps for compression-ignition engines
84139190	Parts of pumps, nesi
84143040	Compressors of a kind used in refrigerating equipment (including air conditioning) not exceeding 1/4 horsepower
84143080	Compressors of a kind used in refrigerating equipment (incl. air conditioning) exceeding 1/4 horsepower
84145965	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters
84148005	Turbocharger and supercharger air compressors
84148020	Gas compressors, nesi
84149041	Parts of air or gas compressors, nesoi
84149090	Parts of air or vacuum pumps and ventilating or recycling hoods
84159040	Chassis, chassis bases and other outer cabinets for air conditioning machines
84159080	Parts for air conditioning machines, nesi
84171000	Furnaces and ovens for the roasting, melting or other heat treatment of ores, pyrites or of metals
84195010	Brazed aluminum plate-fin heat exchangers
84195050	Heat exchange units, nesoi
84199030	Parts of heat exchange units
84212900	Filtering or purifying machinery and apparatus for liquids, nesi
84213940	Catalytic converters
84213980	Filtering or purifying machinery and apparatus for gases, other than intake air filters for internal combustion engines or catalytic convo
84219900	Parts for filtering or purifying machinery or apparatus for liquids or gases
84229091	Parts of packing or wrapping machinery, nesoi
84253901	Winches nesi, and capstans, not powered by electric motor
84311000	Parts suitable for use solely or principally with the machinery of heading 8425
84312000	Parts suitable for use solely or principally with machinery of heading 8427 (fork lift trucks, other work truck fitted with lifting and handling equipment)
84313900	Parts suitable for use solely or principally with the machinery of heading 8428, nesi
84314990	Parts suitable for use solely or principally with the machinery of heading 8429 or 8430, nesi
84419000	Parts for machinery used in making up paper pulp, paper or paperboard, including cutting machines
84553000	Rolls for metal-rolling mills
84559080	Parts for metal-rolling mills, other than rolls, nesi

<b>Attachment 1</b>	
<b>List 1</b>	
84622100	Machine tools for working metal by forging, hammering or die-stamping; machine tools for working metal; presses for working metal:
84622900	Bending, folding, straightening or flattening machines (including presses) not
84669398	Other parts and accessories for machines of heading 8456 to 8461, nesoi
84669485	Other parts and accessories for machines of heading 8462 or 8463, nesoi
84716080	Optical scanners and magnetic ink recognition device
84717040	ADP magnetic disk drive storage units, disk dia. n/ov 21 cm,not in cabinet, w/o attached external power supply, n/entered w/rest of a system
84733020	Parts and accessories ofthe ADP machines of heading 8471, not incorporating a CRT, parts and accessories of printed circuit assemblie
84771090	Injection molding machines of a type used for working or manufacturing products from rubber or plastics, nesoi
84775100	Machinery for molding or retreading pneumatic tires of for molding or otherwise forming inner tubes
84779085	Parts of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi
84799094	Parts of machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84, nesoi
84802000	Mold bases
84803000	Molding patterns
84804100	Molds for metal or metal carbides, injection or compression types
84804900	Molds for metal or metal carbides, other than injection or compression types
84807180	Molds for rubber or plastics, injection or compression types, other than for shoe machinery or for manufacture of semiconductor devices
84811000	Pressure-reducing valves for pipes, boiler shells, tanks, vats or the like
84812000	Valves for oleohydraulic or pneumatic transmissions
84813090	Check valves other than of copper or iron or steel, for pipes, boiler shells, tanks, vats or the like
84819090	Parts of taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, nesi
84821050	Ball bearings other than ball bearings with integral shafts
84822000	Tapered roller bearings, including cone and tapered roller assemblies
84824000	Needle roller bearings
84825000	Cylindrical roller bearings
84828000	Ball or roller bearings nesi, including combined ball/roller bearings
84834090	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately
84835060	Flywheels, nesi
84835090	Pulleys, including pulley blocks, nesi
84836040	Clutches and universal joints
84839010	Chain sprockets and parts thereof
84839080	Parts of transmission equipment, nesi
84841000	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal
84849000	Sets or assortments of gaskets and similar joints dissimilar in composition, put up in pouches, envelopes or similar packings
84879000	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features and other parts nesi
85011040	Electric motors of an output of under 18.65 W, other than synchronous valued not over \$4 each
85012060	Universal AC/DC motors of an output of 746 W or more
85013120	DC motors nesi, of an output exceeding 37.5 W but not exceeding 74.6 W
85015120	AC motors nesi, multi-phase, of an output exceeding 37.5 W but not exceeding 7406 W
85015140	AC motors, nesi, multi-phase, of an output exceeding 7406 W but not exceeding 735 W
85015140	AC motors, nesi, multi-phase, of an output exceeding 7406 W but not exceeding 735 W
85015160	AC motors nesi, multi-phase of an output of 746 W but not exceeding 750 W
85015280	AC motors nesi, multi-phase, of an output exceeding 14092 kW but not exceeding 75 kW
85030020	Commutators suitable for use solely or principally with the machines of heading 8501 or8502

**Attachment 1****List 1**

85030075	Parts of electric motors under 18065 W, other than commutators, stators or rotors
85044040	Electrical speed drive controllers for electric motors (static converters)
85049096	Parts (other than printed circuit assemblies) of electrical transformers, static converters and inductors
85051910	Flexible permanent magnets, other than of metal
85052000	Electromagnetic couplings, clutches and brakes
85059030	Electromagnetic lifting heads
85059040	Electromagnetic or permanent magnet work holders and parts thereof
85059075	Printed circuit assemblies of electrical transformers, static converters and inductors, nesoi
85065000	Lithium primary cells and primary batteries
85069000	Parts of primary cells and primary batteries
85079080	Parts of storage batteries, including separators therefor, other than parts of lead-acid storage batteries
85141000	Resistance heated industrial or laboratory furnaces and ovens
85151100	Electric soldering irons and guns
85151900	Electric brazing or soldering machines and apparatus, other than soldering irons and guns
85152900	Electric machines and apparatus for resistance welding of metal, other than fully or partly automatic
85153100	Electric machines and apparatus for arc (including plasma arc) welding of metals, fully or partly automatic
85153900	Electric machines and apparatus for arc (including plasma arc) welding of metals, other than fully or partly automatic
85158000	Electric welding apparatus nesi, and electric machines and apparatus for hot spraying metals or sintered metal carbides
85159020	Parts of electric welding machines and apparatus
85159040	Parts of electric soldering or brazing machines & apparatus, & electric apparatus for hot spraying of metals or sintered metal carbides
85256010	Transceivers
85256020	Transmission apparatus incorporating reception apparatus, other than transceivers
85261000	Radar apparatus
85269100	Radio navigational aid apparatus, other than radar
85269250	Radio remote control apparatus other than for video game consoles
85285925	Color video monitors w/flat panel screen, video display diagonal n/ov 34.29 em, not incorporate VCR or player
85285933	Color video monitors w/flat panel screen, video display diagonal > 34.29 em, not with VCR/player, not subj US note 13
85286960	Color video projectors nesoi, not incorporating a video recording or reproducing apparatus
85287264	Color television reception apparatus w/flat panel screen, video display diagonal over 34.29 em, incorporating a VCR or player
85291040	Radar, radio navigational aid and radio remote control antennas and antenna reflectors, and parts suitable for use therewith
85299022	Other printed circuit assemblies suitable for use solely or principally with the apparatus of headings 8525 to 8528 nesi
85299078	Mounted lenses for use in closed circuit television cameras, separately imported, w/ or w/o attached elec. connectors or motors
85299081	Other parts of television cameras nesoi
85299097	Parts suitable for use solely or principally in radar, radio navigational aid or radio remote control apparatus, nesi
85299099	Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528, nesi
85321000	Fixed electrical capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar
85322100	Tantalum fixed capacitors
85322200	Aluminum electrolytic fixed capacitors
85322300	Ceramic dielectric fixed capacitors, single layer
85322400	Ceramic dielectric fixed capacitors, multilayer
85323000	Variable or adjustable (pre-set) electrical capacitors
85331000	Electrical fixed carbon resistors, composition or film types

<b>Attachment 1</b>	
<b>List 1</b>	
85332100	Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity not exceeding 20 W
85332900	Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity exceeding 20 W
85333100	Electrical wirewound variable resistors, including rheostats and potentiometers, for a power handling capacity not exceeding 20 W
85334080	Electrical variable resistors, other than wirewound, including rheostats and potentiometers
85334080	Electrical variable resistors, other than wirewound, including rheostats and potentiometers
85339080	Other parts of electrical resistors, including rheostats and potentiometers, nesi
85353000	Isolating switches and make-and-break switches, for a voltage exceeding 1,000 V
85359080	Other parts of electrical resistors, including rheostats and potentiometers, nesi
85361000	Fuses, for a voltage not exceeding 1,000 V
85362000	Automatic circuit breakers, for a voltage not exceeding 1,000 V
85363040	Electrical motor overload protectors, for a voltage not exceeding 1,000 V, nesi
85364100	Relays for switching, protecting or making connections to or in electrical circuits, for a voltage not exceeding 60 V
85364100	Relays for switching, protecting or making connections to or in electrical circuits, for a voltage not exceeding 60 V
85365040	Electrical motor starters (which are switches), for a voltage not exceeding 1,000 V
85365090	Switches neso, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V
85366100	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits
85366940	Connectors: coaxial, cylindrical multicontact, rack and panel, printed circuit, ribbon or flat cable, for a voltage not exceeding 1,000 V
85369040	Electrical terminals, electrical splicers and electrical couplings, wafer probers, for a voltage not exceeding 1,000 V
85369085	Other electrical apparatus nesi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V, neso
85371080	Touch screens without display capabilities for incorporation in apparatus having a display
85381000	Parts of boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus
85389040	Parts for articles of 8535.90.40, 8536.30.40 or 8536.50.40, of ceramic or metallic materials, mech. or elec. reactive to changes in temp.
85389060	Molded parts nesi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537
85389081	Other parts nesi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537
85392930	Electrical filament lamps nesi, designed for a voltage not exceeding 100 V, excluding ultraviolet and infrared lamps
85412100	Transistors, other than photosensitive transistors, with a dissipation rating of less than 1W
85412900	Transistors, other than photosensitive transistors, with a dissipation rating of 1 W or more
85414020	Light-emitting diodes (LEDs)
85414070	Photosensitive transistors
85416000	Mounted piezoelectric crystals
85432000	Electrical signal generators
85441100	Insulated (including enameled or anodized) winding wire, of copper
85443000	Insulated ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships
85444930	Insulated electric conductors nesi, of copper, for a voltage not exceeding 1,000 V, not fitted with connectors
85446020	Insulated electric conductors nesi, for a voltage exceeding 1,000 V, fitted with connectors
87084099	Other gear boxes and parts thereof
87089981	Parts and accessories of the motor vehicles of headings 8701 to 8705
90029095	Mounted optical elements, nesi; parts and accessories of mounted optical elements, nesi
90132000	Lasers, other than laser diodes
90138070	Liquid crystal and other optical flat panel displays other than for articles of heading 8528, neso

<b>Attachment 1</b>	
<b>List 1</b>	
90183900	Catheters, cannulae and the like nesi, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof
90221900	Apparatus based on the use of x-rays other than for medical, surgical, dental or veterinary use.
90261020	Electrical instruments and apparatus for measuring or checking the flow or level of liquids
90261040	Flow meters, other than electrical, for measuring or checking the flow of liquids
90261060	Instruments and apparatus for measuring or checking the level of liquids, other than flow meters, non-electrical
90262040	Electrical instruments and apparatus for measuring or checking the pressure of liquids or gases
90262080	Instruments and apparatus, other than electrical, for measuring or checking the pressure of liquids or gases
90268020	Electrical instruments and apparatus for measuring or checking variables of liquids or gases, nesi
90268060	Nonelectrical instruments and apparatus for measuring or checking variables of liquids or gases, nesi
90269020	Parts and accessories of electrical instruments and apparatus for measuring or checking variables of liquids or gases
90269060	Parts and accessories of nonelectrical instruments and apparatus for measuring or checking variables of liquids or gases, nesi
90273040	Spectrometers, spectrophotometers and spectrographs using optical radiations (ultraviolet, visible, infrared)
90303338	Other instruments and apparatus, nesi, for measuring or checking electrical voltage, current, resistance or power, without a recording device
90314990	Other optical measuring or checking instruments, appliances and machines, nesoi
90318080	Measuring and checking instruments, appliances and machines, nesoi
90319091	Parts and accessories of measuring or checking instruments, appliances and machines, nesoi
90321000	Automatic thermostats
90328960	Automatic regulating or controlling instruments and apparatus, nesi
90329061	Parts and accessories for automatic regulating or controlling instruments and apparatus, nesi
90330090	Other parts and accessories for machines, appliances, instruments or apparatus of chapter 90, nesi
94019010	Parts of seats nesoi, for seats of a kind used for motor vehicles
85152100	Electric machines and apparatus for resistance welding of metal, fully or partly automatic

<b>Attachment 1</b>	
<b>List 2</b>	
39042200	Polyvinyl chloride, mixed with other substances, plasticized, in primary forms
39094000	Phenolic Resins (Resorcinol Formaldehyde Resin)
39174000	Fittings of plastics, for plastic tubes, pipes and hoses, nesoi
39191020	Self-adhesive plates, sheets, other flat shapes, of plastics, in rolls n/o 20 cm wide, not having a light-reflecting glass grain surface
39199050	Self-adhesive plates, sheets, other flat shapes, of plastics, not having a light-reflecting surface produced by glass grains, nesoi
84198995	Industrial machinery, plant or equipment for the treatment of materials, by process involving a change in temperature, nesoi
84833080	Bearing housings nesoi; plain shaft bearings
85013140	DC motors, nesoi, of an output exceeding 74.6 W but not exceeding 735 W
85013220	DC motors nesoi, of an output exceeding 750 W but not exceeding 14.92 kW
85030095	Other parts, nesoi, suitable for use solely or principally with the machines in heading 8501 or 8502
85078040	Other storage batteries nesoi, of a kind used as the primary source of electrical power for electrically powered vehicles of 8703.90
85291091	Other antennas and antenna reflectors of all kinds and parts, for use
85365070	Certain specified electronic and electromechanical snap-action switches, for a voltage not exceeding 1,000 V
85365090	Switches nesoi, for switching or making a connection to or in electrical circuits, for a voltage not exceeding 1,000 V
85367000	Connectors for optical fibers, optical fiber bundles or cables
85411000	Diodes, other than photosensitive or light-emitting diodes

Attachment 1 List 2	
85414060	Diodes for semiconductor devices, other than light-emitting diodes, nesoi
85423100	Electronic integrated circuits: processors and controllers
85423300	Electronic integrated circuits: amplifiers
85423900	Electronic integrated circuits: other
85437045	Other electric synchros and transducers; defrosters and demisters with electric resistors for aircraft
85437099	Other machinery in this subheading
85444920	Insulated electric conductors nesoi, for a voltage not exceeding 80 V, not fitted with connectors
90251980	Pyrometers, not combined with other instruments
90271020	Electrical gas or smoke analysis apparatus
90292040	Speedometers and tachometers, other than bicycle speedometers
90299080	Parts and accessories of revolution counters, production counters, odometers, pedometers and the like, of speedometers nesoi and tachometers

Attachment 1 List 3	
2710.19.45	Mixture of hydrocarbons from petro oils & bitum. min. or preps.70%+ by wt. fr. petro.oils, nesoi, n/o 50% any single hydrocarbon
2818.30.00	Aluminum hydroxide
2823.00.00	Titanium Oxides
2850.00.50	Hydrides, nitrides, azides, silicides and borides other than of calcium, titanium, tungsten or vanadium
2925.29.18	N,N'-diphenylguanidine; 3-dimethylaminomethyleneiminophenol hydrochloride; 1,3-di-o-tolyguandidine; and one other specified chemical
2934.20.25	2-Amino-5,6-dichlorobenzothiazole; 2-amino-6-nitrobenzothiazole; and 2 other specified chemicals
2934.20.50	2-Amino-5,6-dichlorobenzothiazole; 2-amino-6-nitrobenzothiazole; and 2 other specified chemicals
2934.20.80	Other compounds containing a benzothiazole ring system (whether or not hydrogenated), not further fused
3506.10.50	Products suitable for use as glues or adhesives, nesoi, not exceeding 1 kg, put up for retail sale
3802.10.00	Activated carbon
3812.20.50	Compound plasticizers for rubber or plastics not containing any aromatic or modified aromatic plasticizer nesoi
3815.12.00	Supported catalysts with precious metal or precious metal compounds as the active substance
3815.19.00	Supported catalysts other than with nickel or precious metal or their compounds as the active substance
3824.99.39	Mixtures of two or more inorganic compounds, nesoi
3909.31.00	Poly (methylene phenyl isocyanate) (crude MDI, polymeric MDI)
3917.33.00	Flexible plastic tubes, pipes and hoses, nesoi, with fittings, not reinforced or otherwise combined with other materials
3917.39.00	Flexible plastic tubes, pipes and hoses, nesoi
3923.10.90	Other boxes, cases, crates and similar articles for the conveyance or packing of goods, of plastics
3923.21.00	Sacks and bags (including cones) for the conveyance or packing of goods, of polymers of ethylene
3923.29.00	Sacks and bags (including cones) for the conveyance or packing of goods, of plastics other than polymers of ethylene
3923.40.00	Spools, cops, bobbins and similar supports, of plastics
3923.50.00	Stoppers, lids, caps and other closures, of plastics
3923.90.00	Articles nesoi, for the conveyance or packing of goods, of plastics
3926.90.45	Gaskets, washers and other seals, of plastics
4001.29.00	Natural rubber in primary forms other than latex, smoked sheets or technically specified natural rubber (TSNR)
4003.00.00	Reclaimed rubber in primary forms or in plates, sheets or strip
4004.00.00	Waste, parings and scrap of rubber (other than hard rubber) and powders and granules obtained therefrom
4005.10.00	Rubber, unvulcanized, compounded with carbon black or silica, in primary forms or in plates, sheets or strip
4007.00.00	Vulcanized rubber thread and cord
4009.21.00	Tubes, pipes and hoses of vulcanized rubber other than hard rubber, reinforced or combined only with metal, without fittings

<b>Attachment 1</b>	
<b>List 3</b>	
4009.31.00	Tubes, pipes and hoses of vulcanized rubber other than hard rubber, reinforced or combined only with textile materials, without fittings
4009.32.00	Tubes, pipes and hoses of vulcanized rubber other than hard rubber, reinforced or combined only with textile materials, with fittings
4010.12.90	Conveyor belts or belting of vulcanized rubber reinforced only with textile materials, nesoi
4010.12.90	Conveyor belts or belting of vulcanized rubber reinforced only with textile materials, nesoi
4010.32.30	Transmission V-belts of vulcanized rubber, not V-ribbed, circumference exceed 60 cm but not exceed 180 cm, combined with textile materials
4010.32.60	Transmission V-belt of vulcanized rubber, not V-ribbed, circumference exceed 60 cm not exceed 180 cm, other than combined w/textile material
4010.33.60	Transmission V-belt of vulcanized rubber, V-ribbed, circumference exceed 180 cm not exceed 240 cm, other than combined w/textile material
4011.10.10	New pneumatic radial tires, of rubber, of a kind used on motor cars (including station wagons and racing cars)
4011.20.10	New pneumatic radial tires, of rubber, of a kind used on buses or trucks
4011.50.00	New pneumatic tires, of rubber, of a kind used on bicycles
4012.90.90	Interchangeable tire treads and tire flaps, of rubber other than natural rubber, except bicycle rim strips, nesoi
4013.20.00	Inner tubes of rubber, of a kind used on bicycles
4016.93.10	Gaskets, washers and other seals, of noncellular vulcanized rubber other than hardrubber, for use in automotive goods in C87
4016.93.50.	Gaskets, washers and other seals, of noncellular vulcanized rubber other than hard rubber, not for use in automotive goods in C87
4016.99.30	Articles made of noncellular vulcanized natural rubber, used as vibration control goods in vehicles of 8701 through 8705
4016.99.35	Articles made of noncellular vulcanized natural rubber, not used as vibration control goods in vehicles of 8701 through 8705 nesoi
4016.99.55	Articles nesoi, of noncellular vulcanized synthetic rubber other than hard rubber, used as vibration control goods in veh 8701/8705
4016.99.60	Articles of noncellular vulcanized synthetic rubber other than hard rubber
4017.00.00	Hard rubber (for example, ebonite) in all forms, including waste and scrap; articles of hard rubber
4202.92.91	Bags, cases and similar containers with outer surface of textile materials, of MMF except jewelry boxes
4819.10.00	Cartons, boxes and cases of corrugated paper or paperboard
4819.20.00	Folding cartons, boxes and cases of noncorrugated paper or paperboard
4819.50.40	Packing containers, nesoi, of paper, paperboard, cellulose wadding or webs of cellulose fibers
4820.10.20	Diaries, notebooks and address books, bound; letter and memorandum pads and similar articles, of paper or paperboard
4821.10.20	Paper and paperboard labels, printed in whole or part by a lithographic process
5402.19.30	Single high tenacity yarn of nylon or polyamides (except aramids), not put up for retail sale
5402.19.60	Multiple (folded) or cabled high tenacity yarn (except sewing thread) of nylon or other polyamides (except aramids), not put up for retail sale
5402.20.30	Single high tenacity yarn of polyesters, not put up for retail sale
5402.20.60	Multiple (folded) or cabled high tenacity yarn (except sewing thread) of polyesters, not put up for retail sale
5402.33.30	Single textured yarn of polyesters, not put up for retail sale
5402.33.60	Multiple or cabled textured yarn (except sewing thread), of polyesters, not put up for retail sale
5402.45.90	Syn filament yarn (not for doll wigs), of colored multifil, untwisted/with twist < 5 turns/meter, of nylon or o/polyamides, not retail sale
5402.47.90	Single yarn, twist of 0-50 turns/m, other than wholly of polyester, nesoi, not put up for retail sale
5402.48.00	Non-textured polypropylene yarns, monofil, untwisted or with a twist not exceeding 50 turns per meter, not for retail sale
5603.12.00	Nonwovens, of man-made filaments, weighing >25 but not >70 g/square m, whether or not impregnated, coated, covered or laminated
5603.13.00	Nonwovens, of man-made filaments, weighing >70 but not >150 g/square m, whether or not impregnated, coated, covered or laminated
5607.90.90	Twine, cordage, rope and cables, of materials nesoi

<b>Attachment 1</b>	
<b>List 3</b>	
5806.10.24	Narrow woven pile fastener fabric tapes (other than goods of heading 5807) of man-made fibers
5903.90.25	Textile fabrics of man-made fibers, impregnated, coated, covered or laminated with plastics, nesoi, n/o 70% by weight rubber or plastics
5906.10.00	Rubberized textile fabric adhesive tape of a width not exceeding 20 cm (other than fabric of heading 5902)
5909.00.20	Textile hosepiping and similar textile tubing nesoi, with or without lining, armor or accessories of other materials
6909.12.00	Ceramic wares (o/than of porcelain or china) for laboratory, chemical or technical uses, w/hardness equivalent to 9 or more on Mohs scale
6909.19.50	Ceramic wares for laboratory, chemical or other technical uses (o/than of porcelain or china), nesoi
7307.19.90	Cast iron or steel, fittings for tubes or pipes, nesoi
7307.21.50	Stainless steel, not cast, flanges for tubes/pipes, not forged or forged and machined, tooled and otherwise processed after forging
7307.29.00	Stainless steel, not cast, fittings for tubes/pipes, nesoi
7307.91.30	Alloy steel (o/than stainless), not cast, flanges for tubes/pipes, forged, not machined/tooled and not otherwise processed after forging
7307.91.50	Iron or steel (o/than stainless), not cast, flanges for tubes/pipes, not forged or forged and machined, tooled & processed after forging
7307.92.30	Iron or steel (o/than stainless), not cast, threaded sleeves (couplings) for tubes/pipes
7307.99.50	Iron/steel (o/than stainless), n/cast, fittings for tubes/pipes, nesoi, not forged or forged and machined, tooled & processed after forging
7310.29.00	Iron/steel, cans for any material (o/compressed/liq. gas), n/closed by soldering or crimping, w/cap. less than 50 l
7310.29.00	Iron/steel, cans for any material (o/compressed/liq. gas), n/closed by soldering or crimping, w/cap. less than 50 l
7311.00.00	Iron/steel, containers for compressed or liquefied gas
7312.10.30	Iron or steel (o/than stainless), stranded wire, not elect. insul., not fitted with fittings or made up into articles
7315.11.00	Iron or steel, roller chain
7315.19.00	Iron or steel, parts of articulated link chain
7318.14.10	Iron or steel, self-tapping screws, w/shanks or threads less than 6 mm in diameter
7318.15.20	Iron or steel, bolts and bolts & their nuts or washers, imported in the same shipment
7318.15.40	Iron or steel, machine screws (o/than cap screws), 9.5 mm or more in length and 3.2 mm in diameter
7318.15.50	Iron or steel, threaded studs
7318.15.60	Iron or steel, screws and bolts, nesoi, having shanks or threads less than 6 mm in diameter
7318.15.80	Iron or steel, screws and bolts, nesoi, having shanks or threads 6 mm or more in diameter
7318.19.00	Iron or steel, threaded articles similar to screws, bolts, nuts, coach screws & screw hooks, nesoi
7318.22.00	Iron or steel, washers (o/than spring washers and other lock washers)
7318.23.00	Iron or steel, rivets
7318.24.00	Iron or steel, cotters and cotter pins
7318.29.00	Iron or steel, nonthreaded articles similar to rivets, cotters, cotter pins, washers and spring washers
7320.90.50	Iron or steel, springs (o/than leaf springs, helical springs or hairsprings)
7324.21.50	Cast iron, baths (whether or not enameled), not coated or plated with precious metal
7325.99.50	Steel, cast articles nesoi
7326.19.00	Iron or steel, articles forged or stamped but n/further worked, nesoi
7326.90.60	Iron or steel, articles nesoi, coated or plated with precious metal
7326.90.86	Iron or steel, articles, nesoi
7411.29.10	Copper alloys (o/than brass/cupro-nickel/nickel-silver), pipes and tubes, seamless
7412.20.00	Copper alloys, fittings for tubes and pipes
7415.33.80	Screws (other than wood screws), bolts (other than Muntz or yellow metal) and nuts, of copper, threaded, nesoi
7616.10.90	Aluminum, screws, bolts, nuts, screw hooks, washers and similar articles w/shanks, threads or holes 6 mm or less in diameter
7616.99.51	Aluminum, articles, nesoi
7907.00.60	Zinc, articles (o/than for household, table or kitchen use), nesoi

<b>Attachment 1</b>	
<b>List 3</b>	
8203.20.40	Slip joint pliers
8203.20.60	Pliers (including cutting pliers but not slip joint pliers), pincers and similar tools
8205.20.30	Hammers and sledge hammers, with heads not over 1.5 kg each, and base metal parts thereof
8205.59.10	Pipe tools and base metal parts thereof
8205.59.55	Iron or steel handtools (o/ than household, o/than caulking guns) nesoi, and base metal parts thereof
8207.30.30	Interchangeable tools for pressing, stamping or punching, suitable for cutting metal, and base metal parts thereof
8207.30.60	Interchangeable tools for pressing, stamping or punching, not suitable for cutting metal, and base metal parts thereof
8207.90.45	Interchangeable tools, nesoi, suitable for cutting metal, nesoi and base metal parts thereof
8207.90.75	Interchangeable tools (o/than for handtools) nesoi, not suitable for cutting metal, nesoi and base metal parts thereof
8208.10.00	Knives and cutting blades for metal working machines or mechanical appliances, and base metal parts thereof
8302.10.60	Iron or steel, aluminum, or zinc hinges and base metal parts thereof, not designed for motor vehicles
8302.30.30	Iron or steel, aluminum or zinc mountings, fittings and similar articles nesoi, suitable for motor vehicles, and base metal parts thereof
8302.30.60	Base metal (o/than iron/steel/aluminum/zinc) mountings, fittings & similar articles, suitable for motor vehicles, & base metal pts thereof
8302.41.60	Iron or steel, aluminum or zinc mountings, fittings & similar articles, nesoi, suitable for buildings, & base metal pts thereof
8307.10.60	Iron or steel flexible tubing, without fittings
8407.33.60	Spark-ignition reciprocating piston engines, for other veh. of 8701.20, 8702, 8703 or 8704, cylinder cap. > 250 cc > or = 1, 000 cc, nesoi
8409.91.50	Parts nesoi, used solely or principally with spark-ignition internal-combustion piston engines for vehicles of head 8701.20, 8702-8704
8409.91.99	Parts nesoi, used solely or principally with spark-ignition internal-combustion piston engines of heading 8407, nesoi
8409.99.91	Parts nesoi, used solely or principally with the engines of heading 8408, for vehicles of heading 8701.20, 8702, 8703, 8704
8409.99.99	Parts nesoi, used solely or principally with compression-ignition internal-combustion piston engines of heading 8407 or 8408, nesoi
8412.90.90	Parts for engines of heading 8412 other than hydrojet engines for marine propulsion
8413.20.00	Hand pumps other than those of 8413.11 or 8413.19, not fitted with a measuring device
8413.30.10	Fuel-injection pumps for compression-ignition engines, not fitted with a measuring device
8413.30.90	Fuel, lubricating or cooling medium pumps for internal-combustion piston engines, not fitted with a measuring device, nesoi
8414.10.00	Vacuum pumps
8414.59.65	Other fans, nesoi
8414.90.10	Parts of fans (including blowers) and ventilating or recycling hoods
8415.20.00	Air conditioning machines of a kind used for persons, in motor vehicles
8418.99.80	Parts for refrigerators, freezers and other refrigerating or freezing equipment, electric or other, nesoi; parts for heat pumps, nesoi
8421.23.00	Oil or fuel filters for internal combustion engines
8423.81.00	Weighing machinery having a maximum weighing capacity not exceeding 30 kg
8425.42.00	Hydraulic jacks and hoists, nesoi
8425.49.00	Jacks and hoists of a kind used for raising vehicles, other than hydraulic, nesoi
8471.50.01	Processing units other than those of 8471.41 and 8471.49, nesoi
8471.60.10	Combined input/output units for automatic data processing machines not entered with the rest of a system
8471.60.90	Other input or output units of digital ADP machines, nesoi, not entered with the rest of a system
8471.80.10	Control or adapter units for automatic data processing machines not entered with rest of a system
8471.90.00	Magnetic or optical readers, nesoi; machines for transcribing data on data media in coded form and machines for processing such data, nesoi
8473.21.00	Parts and accessories of the electronic calculating machines of 8470.10, 8470.21 or 8470.29

<b>Attachment 1</b>	
<b>List 3</b>	
8473.30.11	Printed circuit assemblies, not incorporating a cathode ray tube, of the machines of 8472
8479.89.94	Other machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84, nesoi
8480.79.90	Molds for rubber or plastics, other than injection or compression types, other than for shoe machinery
8481.80.90	Taps, cocks, valves & similar appliances for pipes, boiler shells, tanks, vats or the like, other than hand operated, nesoi
8482.10.10	Ball bearings with integral shafts
8483.10.10	Camshafts and crankshafts for use solely or principally with spark-ignition internal-combustion piston or rotary engines
8483.10.30	Camshafts and crankshafts nesoi
8483.10.50	Transmission shafts and cranks other than camshafts and crankshafts
8483.20.40	Housed bearings of the flange, take-up, cartridge and hanger unit type (incorporating ball or roller bearings)
8483.20.80	Housed bearings (incorporating ball or roller bearings), nesoi
8483.40.50	Fixed, multiple and variable ratio speed changers, not imported for use with machines for making cellulosic pulp, paper or paperboard
8483.90.50	Parts of gearing, gear boxes and other speed changers
8501.40.60	AC motors nesoi, single-phase, of 746 W or more
8504.10.00	Ballasts for discharge lamps or tubes
8504.31.40	Electrical transformers other than liquid dielectric, having a power handling capacity less than 1 kVA
8504.40.60	Power supplies suitable for physical incorporation into automatic data processing machines or units thereof of heading 8471
8504.40.70	Power supplies for automatic data processing machines or units thereof of heading 8471, nesoi
8504.40.85	Static converters (for example, rectifiers) for telecommunication apparatus
8504.40.95	Static converters (for example, rectifiers), nesoi
8504.50.80	Other inductors, nesoi
8505.11.00	Permanent magnets and articles intended to become permanent magnets after magnetization, of metal
8507.50.00	Nickel-metal hydride batteries
8508.70.00	Parts of vacuum cleaners
8511.10.00	Spark plugs
8511.30.00	Distributors and ignition coils
8511.40.00	Starter motors and dual purpose starter-generators
8511.50.00	Generators nesoi, of a kind used in conjunction with spark-ignition or compression- ignition internal-combustion engines
8511.80.60	Electrical ignition or starting equipment of a kind used for spark-ignition internal-combustion or compression-ignition engines, nesoi
8511.90.60	Parts nesoi of electrical ignition or starting equipment or generators used for spark- or compression-ignition internal-combustion engines
8512.20.20	Electrical lighting equipment of a kind used for motor vehicles or cycles other than bicycles
8512.20.40	Electrical visual signaling equipment of a kind used for motor vehicles or cycles other than bicycles
8512.90.20	Parts of electrical signaling equipment of a kind used for cycles or motor vehicles
8512.90.60	Parts of electrical lighting equipment of a kind used for motor vehicles or cycles other than bicycles
8512.90.90	Parts of windshield wipers of a kind used for motor vehicles or cycles
8516.29.00	Electric space heating apparatus and electric soil heating apparatus, other than storage heating radiators
8516.80.80	Electric heating resistors, nesoi
8517.62.00	Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus, nesoi
8517.69.00	"Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless n"
8519.81.30	Sound reproducing apparatus nesoi, not incorporating a sound recording device
8525.80.30	Television cameras, nesoi
8527.21.40	Radiobroadcast receivers not operable w/o external power source, for motor veh., combined with sound recording/reproducing apparatus, nesoi

<b>Attachment 1</b>	
<b>List 3</b>	
8527.29.40	Radiobroadcast receivers, not operating w/o external power, for motor vehicles, w/o sound recording or reproducing apparatus, FM or AM/FM
8527.29.80	Radiobroadcast receivers, not operating w/o external power, for motor vehicles, w/o sound recording or reproducing apparatus, other
8528.59.05	Incomplete or unfinished color video monitors, w/o cathode-ray tube, flat panel screen or similar display device, incorp. VCR or player
8529.90.86	Parts suitable for use solely or principally with the apparatus of 8525 and 8527 (except television apparatus or cellular phones), nesoi
8531.20.00	Indicator panels incorporating liquid crystal devices (LCD's) or light emitting diodes (LED's)
8531.90.90	Parts of electric sound or visual signaling apparatus, nesoi
8534.00.00	Printed circuits, without elements (other than connecting elements) fitted thereon
8536.61.00	Lampholders for a voltage not exceeding 1,000 V
8536.69.80	Plugs and sockets for making connections to or in electrical circuits, for a voltage not exceeding 1,000 V, nesoi
8537.10.91	Other boards, panels, consoles, desks, cabinets, etc., equipped with apparatus for electric control, for a voltage not exceeding 1,000, nesoi
8538.90.10	Printed circuit assemblies of an article of heading 8537 for one of the articles described in additional U.S. note 12 to chapter 85
8539.10.00	Sealed beam lamp units
8543.70.71	Electric luminescent lamps
8543.90.88	Parts (other than printed circuit assemblies) of electrical machines and apparatus, having individual functions, nesoi
8544.20.00	Insulated (including enameled or anodized) coaxial cable and other coaxial conductors
8544.42.20	Insulated electric conductors nesoi, used for telecommunications, for a voltage not exceeding 1,000 V, fitted with connectors
8544.42.90	Insulated electric conductors nesoi, for a voltage not exceeding 1,000 V, fitted with connectors, nesoi
8545.20.00	Carbon brushes of a kind used for electrical purposes
8546.90.00	Electrical insulators of any material, other than glass or ceramics
8547.20.00	Insulating fittings for electrical machines, appliances or equipment, of plastics
8548.90.01	Electrical parts of machinery or apparatus not specified or included elsewhere in chapter 85
8708.29.50	Pts & access of bodies for mtr vehicles of headings 8701 to 8705, nesoi
8708.40.11	Pts. & access. of mtr. vehic. of 8701.20, 8702, 8703 or 8704, gear boxes
8708.40.75	Pts & access of motor vehicles of 8701, nesoi, and 8702-8705, pts for gear boxes, nesoi
8708.50.91	Pts. & access. of mtr. vehic. of 8701, nesoi, 8702 and 8704-8705, parts of non-driving axles
8708.80.13	Pts & access of mtr vehic of 8701, nesoi, and of 8702-8705, McPherson struts
8708.80.16	Pts & access of mtr vehic of 8701, nesoi, and of 8702-8705, suspension shock absorbers (o/than McPherson struts)
8708.80.55	Pts & access of tractors (o/than road tractors or for agricultural use), pts for suspension systems nesoi
8708.80.65	Pts & access of motor vehicles of 8701, nesoi, and 8702-8705, pts for suspension systems nesoi
8708.91.50	Pts & access of mtr vehic of 8701, nesoi, and 8702-8705, radiators
8708.91.75	Pts & access, nesoi, of motor vehicles of 8701, nesoi, and 8702-8705, parts of radiators, nesoi
8708.92.50	Pts & access of mtr vehic of 8701, nesoi, and 8702-8705, mufflers & exhaust pipes
8708.92.75	Pts & access, nesoi, of motor vehicles of 8701, nesoi, and 8702-8705, parts of mufflers, nesoi
8708.93.75	Pts. & access. of mtr. vehic. of 8701, nesoi, and 8702-8705, pts. of clutches
8708.94.50	Pts. & access. of mtr. vehic. of 8701, nesoi, and 8702-8705, steering wheels, steering columns and steering boxes
8708.94.75	Pts. & access., nesoi, of motor vehicles of 8701, nesoi, and 8702-8705, parts of steering wheels/columns/boxes, nesoi
8708.99.53	Parts & accessories of motor vehicles of 8701-8705, nesoi, of cast iron
8708.99.55	Pts & access of motor vehicles of 8701, nesoi, and 8702-8705, vibration control goods containing rubber
8708.99.58	Pts. & access. of motor vehicles of 8701, nesoi, and 8702-8705, double flanged wheel hub units w/ball bearings
8708.99.68	Pts. & access. of motor vehicles of 8701, nesoi, and 8702-8705, pts. for power trains nesoi
8708.99.81	Pts & access, nesoi, of motor vehicles of 8701, nesoi, and 8702-8705

<b>Attachment 1</b>	
<b>List 3</b>	
8716.80.50	Vehicles, not mechanically propelled, nesoi
9002.11.90	Objective lenses and parts & access thereof, for cameras, projectors, or photographic enlargers or reducers, except projection, nesoi
9013.80.90	Liquid crystal devices nesoi, and optical appliances and instruments, nesoi
9013.90.80	Parts and accessories of liquid crystal devices nesoi, and optical appliances and instruments, nesoi
9015.10.40	Electrical rangefinders
9015.90.01	Parts and accessories of 9015
9017.30.40	Micrometers and calipers, for use in the hand
9017.30.80	Gauges for measuring length, for use in the hand
9017.80.00	Instruments for measuring length, for use in the hand, nesoi (for example, measuring rods and tapes)
9025.90.06	Other parts & accessories of hydrometers & like floating instruments, thermometers, pyrometers, barometers, hygrometers, psychrometers & combinations
9029.20.60	Stroboscopes
9030.20.10	Oscilloscopes and oscillographs, nesoi
9401.20.00	Seats, of a kind used for motor vehicles
9405.40.84	Electric lamps and lighting fixtures nesoi, not of base metal
9405.50.40	Non-electrical lamps and lighting fixtures nesoi, not of brass
9405.92.00	Parts of lamps, lighting fixtures, illuminated signs & the like, of plastics

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